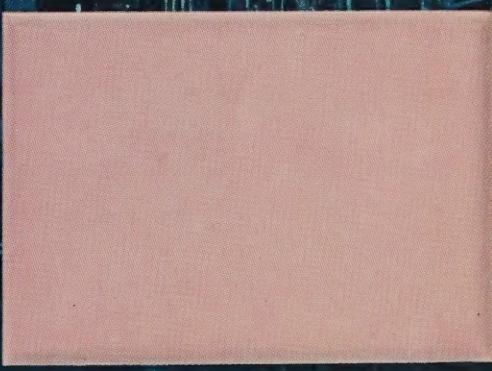
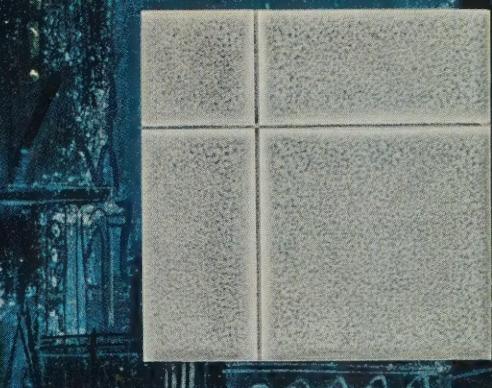
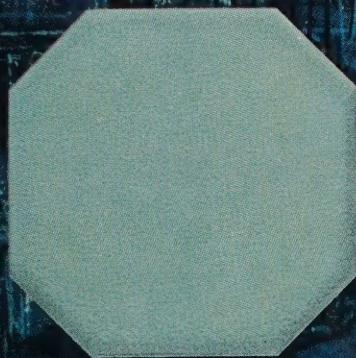


*Ceramic*

BOOKLET 208

**TILE****American Olean** TILE COMPANY

EXECUTIVE OFFICES: LANSDALE, PENNSYLVANIA • FACTORIES: LANSDALE, PENNSYLVANIA • OLEAN, NEW YORK

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## General Information

Ceramic tile is essentially a product of clay and fire. In its primitive form tile has been made by nearly all peoples for almost 7,000 years.

Centuries of building have demonstrated that ceramic tile is one of the most serviceable materials ever developed. It is waterproof, fireproof, and stainproof. It resists scratching and will not indent. Its permanently beautiful colors are unaffected by sunlight or strong chemical solutions. It cleans as easily as a china plate . . . never needs waxing or polishing. As a result, maintenance costs are lower than other materials, and replacement costs are nil for the life of the building.

In durability and permanence of color, today's products are superior to tile made in earlier times. A high degree of size and color uniformity has replaced the haphazard sizing and wide color variations that were considered acceptable until a few years ago. American-Olean was a pioneer in the development of correctly sized and properly shaded tile. As a result, American-Olean tile has become the standard of quality in the industry.

## Installation Methods

Ceramic tile has traditionally been set in a Portland cement mortar. This method provides a solid wall or floor protected by a waterproof backing and reinforced with metal lath. Recent developments have brought into use the new thin-setting bed method. This permits the tile to be affixed to a prepared surface merely by coating the surface with a 1/16" layer of adhesive over a thin levelling coat, if needed, and then grouted in the usual manner.

The selection of setting methods depends upon several factors. The conventional method should be selected for rugged exposures, for the utmost protection against moisture seepage, or for floors expected to receive heavy use. In remodeling, particularly, the adhesive method offers advantages for walls and may be suitable for floors as well.

American-Olean tiles are sold through selected tile contractors, any of whom will be glad to advise on the merits of either method of installation. The Tile Council of America, Inc., 10 East 40th Street, New York 16, New York, has published complete descriptions of these methods in the *Tile Handbook* and in *Thin Setting Bed Methods and Materials* (K-400). Reference to these booklets should be included in the tile specifications, and the methods described therein followed exactly.

American-Olean manufactures both glazed and unglazed tile.

**Glazed tile** has a non-vitreous body, usually white, to the face of which a vitreous glaze of the desired color is fused.

**Unglazed tile** has a dense vitreous body with surface characteristics such as color and texture distributed uniformly through the piece.

**Swimming Pool**, YMCA, Harvey, Ill.,  
Eugene B. White, Architect. Walls: 81 Spruce  
Green Reflecta Tile, with decorative  
inserts. Base: 34 Berry Brown. Walkway:  
Sand Buff Textone and Light Range  
Varitone, 2" x 1" Random. Curb Top:  
Light Olive Textone, 1-1/16" squares, with  
Black special grip nosing. Pool Lining:  
3/4" White Squares with Dark Green  
Markings. Color Plate 365.

There is a  
**TILE**  
for every use

Many types are available, each developed to meet specific requirements. While both glazed and unglazed tile may be used on either walls or floors, primary consideration should be given to the service expected and the decorative effects desired.

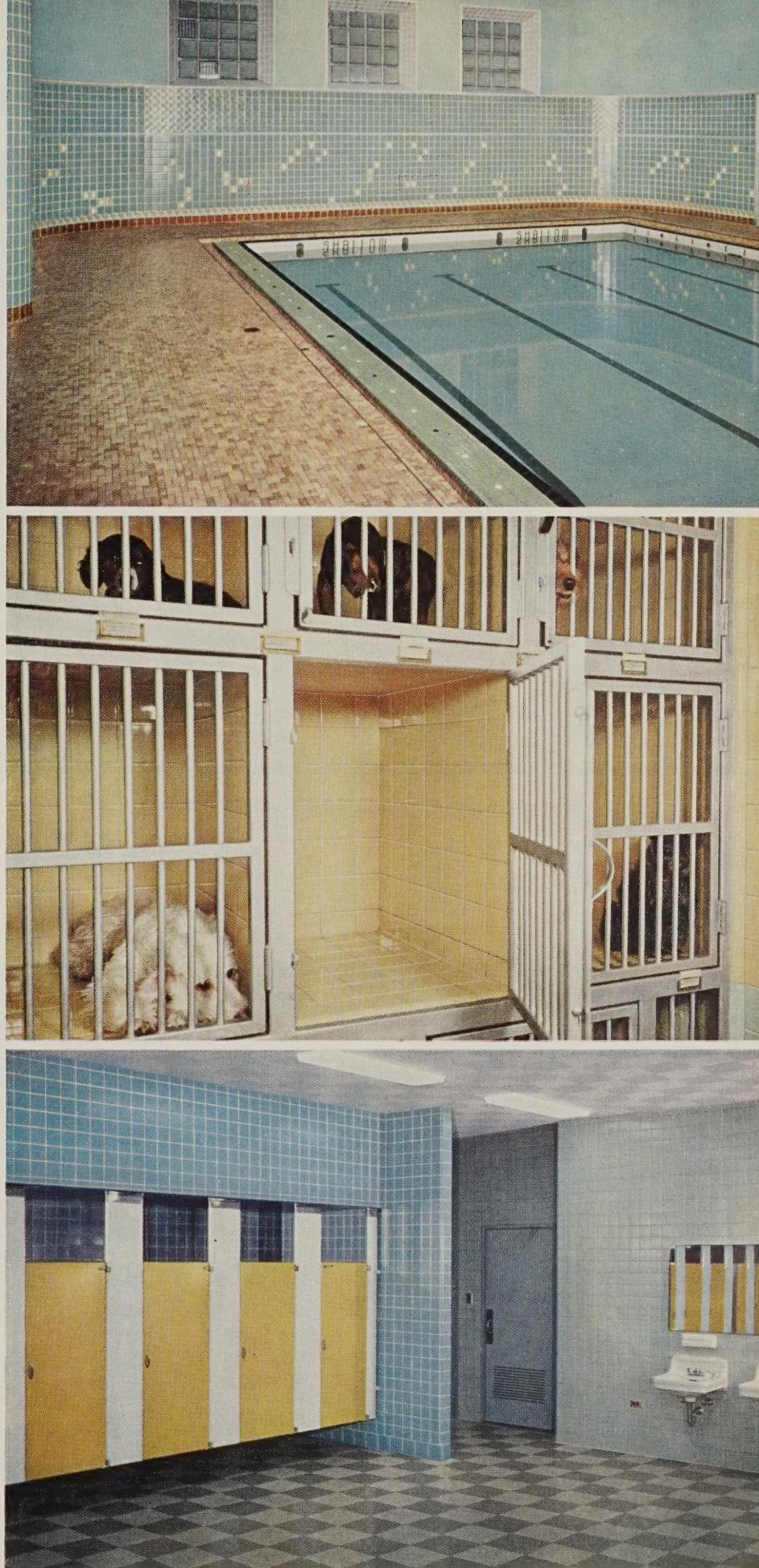
**Glazed tile** is most often used on walls, although it is serviceable on floors under certain conditions. American-Olean's new crystalline glazes, for instance, were developed particularly to meet the demand for glazed floors and counter tops. They can be used without hesitation on floors as well as on walls throughout the home.

**Unglazed tile**, because of its rugged durability and integral color, for centuries has been considered an ideal flooring material. For interesting pattern and color treatments on walls, ceramic mosaics, glazed or unglazed, offer unsurpassed opportunities.

For exterior uses, and areas such as refrigerator linings subject to freezing, a tile with low body absorption, such as American-Olean Glazed Frostproof Tile, or an impervious ceramic mosaic or paver tile should be used.

**Center Picture** (Kennel), Color Plate 366.  
Walls: 38 Butternut and 14 Spring Green.

**Bottom Picture** (Washroom), Color Plate 367.  
Walls: 65 Iris Blue and 29 Oyster Gray.  
Floor: 1-1/16" squares, Light-Gray  
and Dark Gray.



# COLOR CHARTS OF AMERICAN-OLEAN TILE

## AMERICAN COLOR CHART OF

## BRIGHT AND MATTE GLAZES



Variation of shade is inherent in all burned clay products. It is one of the natural characteristics of tile.

CHINA, BATHROOM ACCESSORIES, Tile, Decorated Strips, Inserts, Borders and Panels are obtainable in all colors on this chart.



49 Gloss Black has a mirror finish. During Installation care should be used so that this surface is not scratched.

\*Indicates a matte glaze. Other glazes are bright and reflecting. Order all colors by number and name.

These three color charts, containing actual tile samples, are designed as permanent references for use by architects. They fit in a standard file drawer, or will stand on a shelf. These color charts are available to architects who request them.

## AMERICAN CRYSTALLINE GLAZES

### CRYSTALLINE COLOR SAMPLES FOR RESIDENTIAL FLOOR AND COUNTER USE

WITH SUGGESTIONS FOR HARMONIOUS COLOR SCHEMES IN WALL TILE GLAZES



Names listed under each crystalline color are from the palette of wall tile colors shown on Color Chart G-1.

The first colors listed under each crystalline tile harmonize because they are similar colors.

The second group of color names, those preceded by a \*, are harmonious contrasting colors.

Crystalline glazes will show marked variation in shade — especially in trim shapes.

All Crystalline glazes are stocked in company warehouse.

## Glazed Interior Wall Tile COLOR CHART G-1

### Olean NATURAL CLAY TYPE

**TEXTURE**

Natural Clay Type tiles are sold only cushion edge in 8x11" x 21/8" series. Square edge can also be furnished in the 11x11" squares and 4x21" oblong, but in the 21/8" square edge can be supplied only on sizable order. Other sizes are square edge.

SAND GRAY	Slate
SAND BUFF	FAWN
SAND BROWN	MAROON
DARK BROWN	BLACK (Porcelain)
Shade variation, an attractive characteristic of all burned clay products, is slightly more pronounced in the Natural Clay line than in the Porcelain line. The colors shown on these charts are representative of our standard production.	
VARIETE	
LIGHT RANGE	FULL RANGE
GOLDEN RANGE	GOLDEN RANGE

### PORCELAIN TYPE

**PLAIN COLORS**

White	White Non-Slip	LILAC	CREAM	IVORY	SEA BLUE
LIGHT GRAY	PASTEL GREEN	BUFF	YELLOW	CASCADE	
DARK GRAY	MEDIUM GREEN	DUSKY PEACH	SHELL PINK	SKY BLUE	
BLACK	DARK GREEN	RUST BROWN	PINK	LIGHT BLUE	
RED	GREEN GRANITE	GRAY GRANITE	BLUE GRANITE	DEEP BLUE	
GRANITES					
SHADOWFLASH					
GLAZED CERAMIC MOSAICS					
PEARL SAGE TAN CANARY ROSE TURQUOISE					
Gloss Black Rustet But Green Crocus Yellow Gloss White Medium Bone Red Raspberry Royal Blue					

Address inquiries regarding ceramic mosaics and pavers to AMERICAN-OLEAN TILE CO., OLEAN, NEW YORK

## Crystalline Glazed Tile COLOR CHART G-2

## Unglazed Tile COLOR CHART U-1

# GLAZED TILE

## Types, Descriptions and Uses

(Unglazed Tile Classification on page 15)

TYPE OF GLAZED TILE	DESCRIPTION	USES
GLAZED INTERIOR TILE	Absorbent body $5/16"$ thick with impervious glaze in 50 colors shown on Color Chart G-1. Cushion edge for individuality, precise sizing and built-in spacers for exact joint alignment. Made in: $8\frac{1}{2} \times 4\frac{1}{4}$ , $6 \times 4\frac{1}{4}$ , $4\frac{1}{4} \times 4\frac{1}{4}$ , $6 \times 6$ , $3 \times 3$ and $1\frac{1}{4} \times 1\frac{1}{4}$ .	All interior walls. Not suitable for refrigerators or exteriors subject to freezing. Matte glazes are suitable for moderate floor use.
CRYSTALLINE GLAZES	A sparkling textured glaze with extreme resistance to abrasion, on a Glazed Interior Tile body. Available in 13 newly developed colors. Made in: $4\frac{1}{4} \times 4\frac{1}{4}$ , $3 \times 3$ , $4\frac{1}{4}$ Octagon and $1\frac{1}{4} \times 1\frac{1}{4}$ .	Floors, counter tops and interior walls and areas which may be embellished with a textured glaze.
GLAZED FROSTPROOF TILE	A non-absorbent body $5/16"$ thick with an impervious glaze. Colors shown on Color Chart G-1. Made in: $4\frac{1}{4} \times 4\frac{1}{4}$ , $3 \times 3$ , $1\frac{1}{4} \times 1\frac{1}{4}$ .	Counter tops, refrigerator and chemical tank linings, and exterior areas subject to freezing.
REFLECTA TILE	On Glazed Interior Tile body, the face having two or more planes, forming highly reflective patterns. In colors shown on Color Chart G-1. Made in $4\frac{1}{4} \times 4\frac{1}{4}$ .	Used as part or all of a wall surface to give interesting pattern without change of color or size.
GLAZED TRIMMERS	Caps, bases and corners, in colors shown on Color Chart G-1. Runners in lengths to match wall tile joints— $4\frac{1}{4}$ , 6 or $8\frac{1}{2}$ long—in various widths.	To finish the top or base of a wainscot or to turn corners. Also for door and window trim.
HAND DECORATED TILE	Feature strips, picture tile, geometric inserts, allover patterns on Glazed Interior Tile body. Raised line and hand decorated. Sizes: Strips $6 \times 1\frac{1}{4}$ to $6 \times 1\frac{1}{4}$ . Inserts $4\frac{1}{4}$ , 6, $8\frac{1}{2}$ square.	For enrichment of tile walls. Allover patterns may be used in panels or as borders, or fireplace facings.
BATHROOM ACCESSORIES	Vitrified china, exceptionally strong, dense, pressed body. In all colors shown on Color Chart G-1. Flush type—with face on level with adjacent tile. Flange type—to cover edges of tile—particularly for thin setting bed method. (Pieces illustrated on pages 12-13.)	Soap, tumbler, or toothbrush holders, paper holders, towel bar posts, etc. Extra pieces should be specified for added convenience.
UNGLAZED TILE	Ceramic Mosaics and Pavers: Description and uses listed on Pages 14 through 20. Trim shapes shown on pages 26 through 28.	

# CRYSTALLINE GLAZES AND SCORED TILE\*

provide a whole new range of beautiful effects for floors and walls

American-Olean's new crystalline glazes were developed primarily to meet the growing demand for a glazed tile suitable for bathroom floors, countertops and window sills. These crystalline glazes bring a new kind of richness to tile installations, and are particularly noteworthy for a number of reasons.

**First**, is the glaze itself, which is highly abrasion-resistant and can be relied upon to give excellent service on floors subject to moderate home traffic. (For heavy traffic areas, unglazed ceramic mosaics are recommended.)

**Second**, is the interesting textured surface of the crystalline glaze, whose subtle highlights add a lustre which time will not dim. (No waxing, ever—and it cleans as easily as a china plate.)

**Third**, is the fact that the new crystalline colors have been especially developed to harmonize with the standard American-Olean wall tile colors, thus making it easy to work out many pleasing combinations of wall and floor tile colors.

**Yet another important new development**—Scored Tiles with Crystalline Glazes. Here is a completely new type of tile, which gives you an opportunity to plan new kinds of floor patterns with a very costly appearance, yet with installation costs which are competitive. Unlimited design opportunities for wall treatments, also. See pages 8 and 9 for complete description and patterns.

\*Patent applied for

**New contemporary effect** is achieved here with 31 Suntan walls, 4-1/4 Octagons in 320 Crystal Brown and 1-1/4 Dots in 330 Crystal Beige. Color Plate 70.



**Rich new color in crystalline glaze** reflects subtle highlights from adjoining walls. 360 Crystal Charcoal in 3" squares on the floor, 20 Turquoise wall. Color Plate 71.



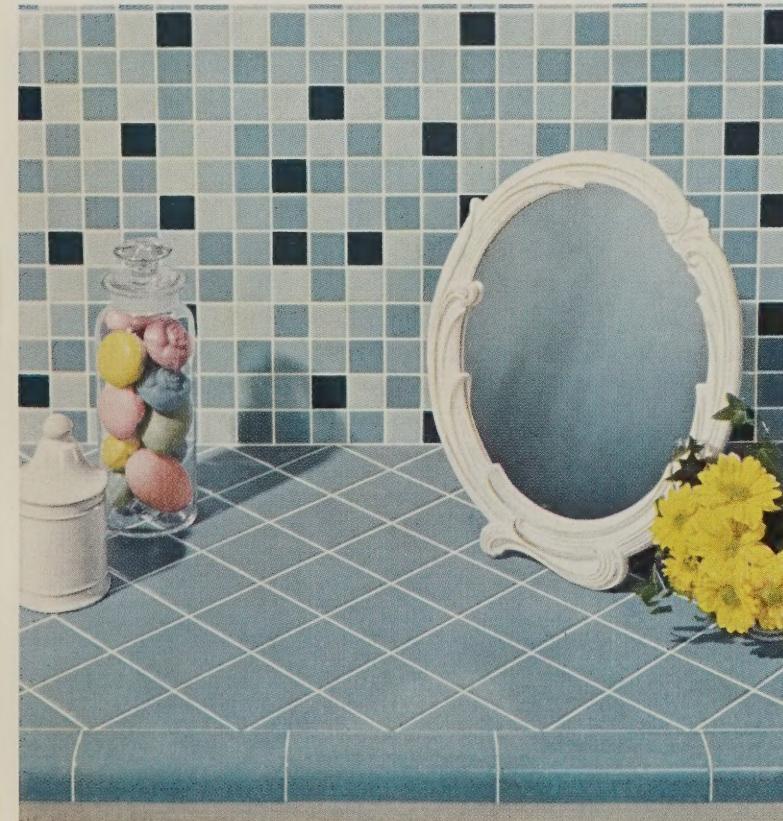


**Interesting combination** of Scored Tile and plain crystalline glaze in one color. Floor: 325 Crystal Green, Pattern SP-102. Wall: 14 Spring Green. Color Plate 72.

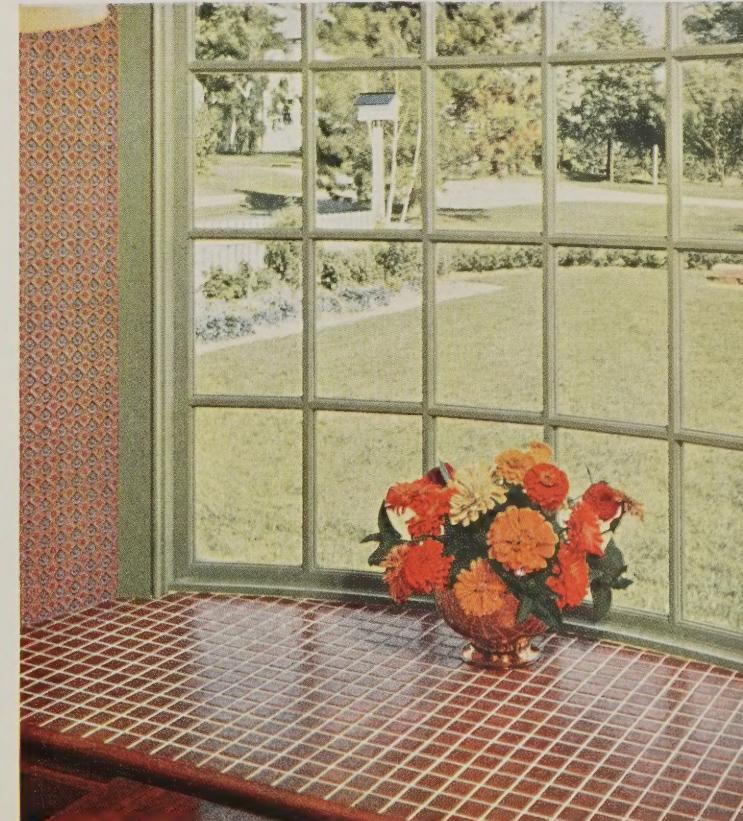


**Nine in One!** What seems to be 9 small tiles of color is actually one 4-1/4" scored unit. Floor: Design SD-1 in 350 Crystal Gray and 355 Crystal Pink. Wall: 28 Pearl Gray. Color Plate 73.

**New countertop treatments** are easy to create with the crystalline glazes. Here, countertop is 3 x 3 in 310 Crystal Blue, with wall of 1-1/4" glazed tiles in 7 shades of blue, color scheme 6 (installed by the adhesive method). Edge trim: 65 Iris Blue. Color Plate 74.



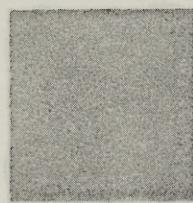
**Crystalline glazed scored tile** is both handsome and practical in this bow-window. Scored tiles result in more uniform setting. 320 Crystal Brown, SD-1. Color Plate 75.



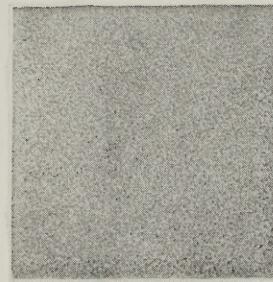
# CRYSTALLINE GLAZES IN STANDARD SIZES



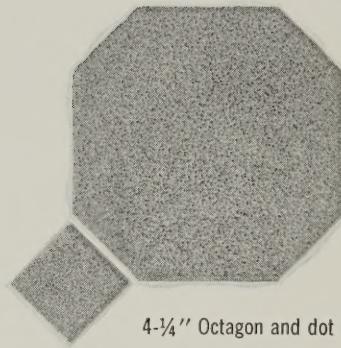
1-1/4" Square



3" Square



4-1/4" Square



4-1/4" Octagon and dot

A richly-lustrous new glaze in thirteen beautiful colors, designed for moderate floor use in homes. Excellent for bathroom and powder room floors, and for countertops and window sills. Actual installations have demonstrated their exceptional resistance to abrasion and scratching.

The thirteen colors in crystalline glazes have been developed to harmonize with the colors of American-Olean glazed wall tile. Each crystalline color is related to at least three wall tile colors and will harmonize with three or more contrasting colors.

*All Crystalline Glazed Tile (except 1-1/4" square) and all Scored Tile have self-spacing projections.*

The shade and texture of the crystalline glazes show marked variation on the surfaces of the same tile and from tile to tile. The edges of the trim shapes will usually show greater variation than the flat tile.

Trim shapes with crystalline glazes, not scored, are available in the surface series S-4269, S-4339, and S-4449.

The only *scored* trim shape available is the S-4449 series which is scored in Design SD-1 only.

Crystalline glazes are not available on Bathroom Accessories or on Frostproof Tile.

## SCORED TILES\* IN CRYSTALLINE GLAZES

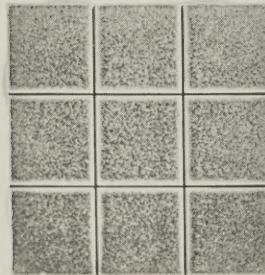
American-Olean Scored Tiles are a completely new product which opens up many new design possibilities. They combine the flexibility of small unit design with the economy and easy installation of larger self-spacing units.

Scored Tile is a 4-1/4 x 4-1/4 glazed interior tile, with straight grooves cut into the surface. The cement grout flows into these grooves just as it does into the joints around the 4-1/4 unit. This creates an effect

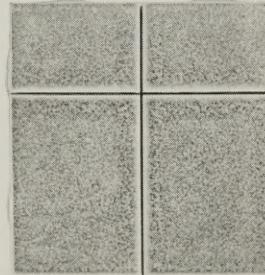
in which the small grooved sections seem to be individual tiles.

Scored Tile is available in any of the twelve crystalline colors shown on pages 10 and 11, plus Crystalline White. Only one color can be applied to a single 4-1/4 tile. Scored Tile design SD-1 is also glazed with any of the 50 standard American-Olean wall tile colors shown on Color Chart G-1.

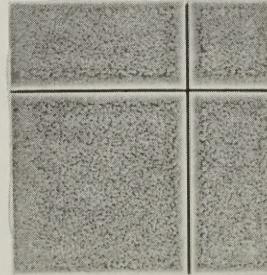
\*Patent applied for



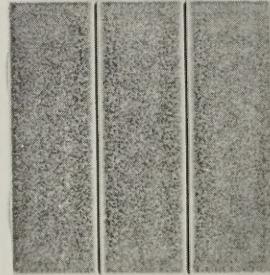
Design SD-1



Design SD-2



Design SD-3



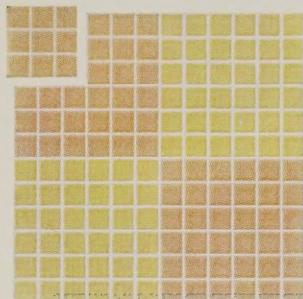
Design SD-4

# SCORED TILE\* PATTERNS

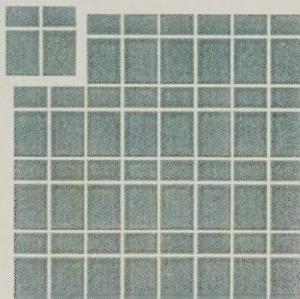
Each scored tile may be combined with others of the same design, with other scored designs, or with un-scored crystalline glazed tiles to form literally hundreds of patterns. Various color combinations increase the variety still further since each 4-1/4 unit in a pattern may have a different crystalline color.

Some of the patterns obtainable from the four basic designs of Scored Tile are shown below, with numerical designations and descriptions for convenience in ordering.

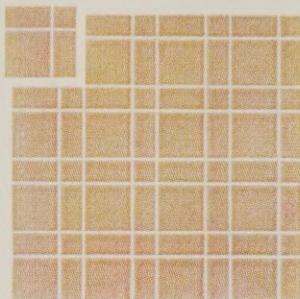
Scored Tile patterns are not mounted, but are set as 4-1/4 units in the same manner as wall tile. All units are self-spacing.



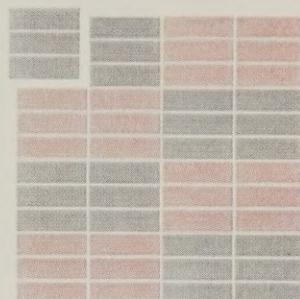
**Pattern SP-11—SD-1 in 305 Cr. Yellow and 315 Cr. Tan**



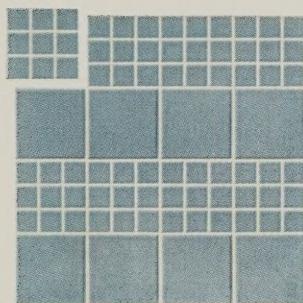
**Pattern SP-21—SD-2 in 340 Cr. Ivy**



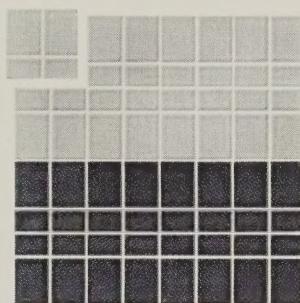
**Pattern SP-31—SD-3 in 315 Cr. Tan**



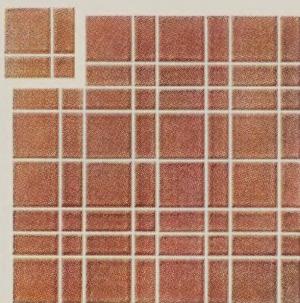
**Pattern SP-41—SD-4 in 350 Cr. Gray and 355 Cr. Pink**



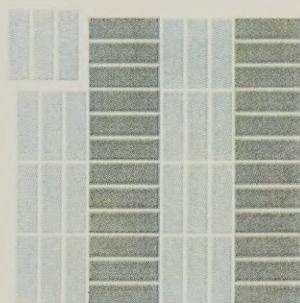
**Pattern SP-12—SD-1 and plain 4 1/4 sq. in 310 Cr. Blue**



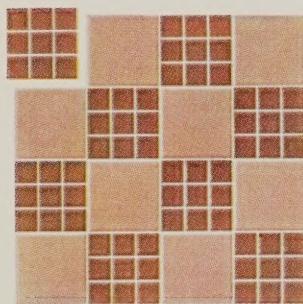
**Pattern SP-22—SD-2 in 350 Cr. Gray and 360 Cr. Charcoal**



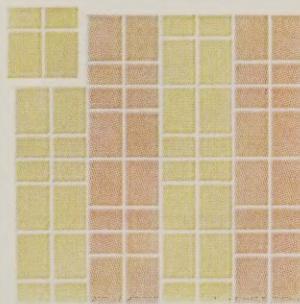
**Pattern SP-32—SD-3 in 320 Cr. Brown**



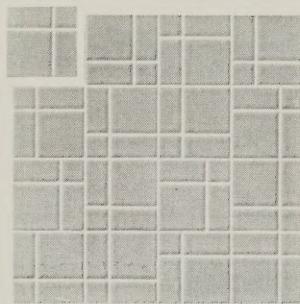
**Pattern SP-42—SD-4 in 325 Cr. Green and 335 Cr. Aqua**



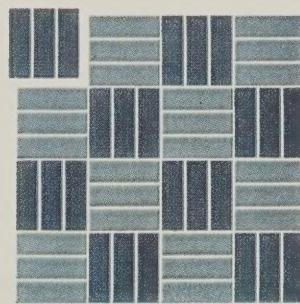
**Pattern SP-13—SD-1 in 320 Cr. Brown and plain 4 1/4 sq. in 330 Cr. Beige**



**Pattern SP-23—SD-2 in 305 Cr. Yellow and 315 Cr. Tan**



**Pattern SP-33—SD-3 Random in 350 Cr. Gray**



**Pattern SP-43—SD-4 in 310 Cr. Blue and 345 Cr. Cobalt**

## THIS INFORMATION RELATES TO COLOR PATTERNS ON THIS PAGE

"SD" means scored design units shown on page 8 and illustrated in color on this page.

"Pattern SP" means the arrangement of design units and the colors used as illustrated here.

**STANDARD PATTERNS**—When ordering the scored tile patterns on this page, the order should specify the "SP" number and the color number and name wanted on each scored design unit or 4-1/4 plain crystalline tile. The patterns shown on this page use only one or two colors and one or two design units in equal proportions.

**SPECIAL PATTERNS**—To create other designs not shown here, you may use any combination of SD units and 4-1/4 tiles shown on page 8 and in any of the twelve crystalline colors on pages 10 and 11, plus Crystalline White. When ordering special patterns not shown here, your order should give the following information: 1. The SD units and 4-1/4 plain crystalline tile if any to be used in the pattern. 2. Color of each different design unit or 4-1/4 plain crystalline tile wanted. 3. The quantity of each color in each design unit or plain 4-1/4 crystalline tile. 4. The pattern SP number if any applies.

\*Patent applied for

# COLOR CHART OF CRYSTALLINE GLAZES



305 CRYSTAL YELLOW



11 IVORY



38 BUTTERNUT



★72  
DAWN GRAY



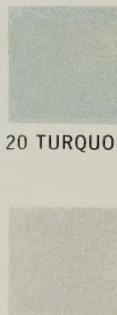
21  
CORNFLOWER



14  
SPRING GREEN



310 CRYSTAL BLUE



20 TURQUOISE



28  
PEARL GRAY



12 BUTTERCUP



31 SUNTAN



23  
PINK BLUSH



325 CRYSTAL GREEN



14  
SPRING GREEN



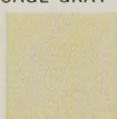
★76  
SAGE GRAY



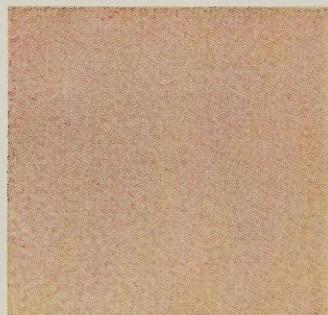
★84 PEACH



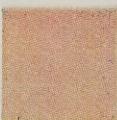
36 LILAC



12 BUTTERCUP



330 CRYSTAL BEIGE



32 TAN GLO



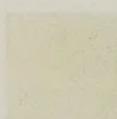
34  
BERRY BROWN



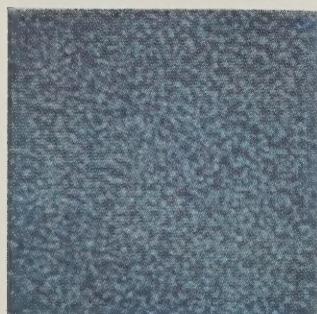
★81  
SPRUCE GREEN



26  
CLOVER RED



★50 CREAM



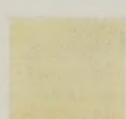
345 CRYSTAL COBALT



★63  
FLAX BLUE



36 LILAC



12 BUTTERCUP



★67 HIBISCUS



350 CRYSTAL GRAY



19 BLUET



29  
OYSTER GRAY



★83  
HONEYSUCKLE



★66  
HYDRANGEA



13  
PINE GREEN

Crystalline glazes were developed to harmonize with American-Olean wall tile colors. This chart includes suggestions for combining Crystalline glazed floors with harmonizing wall tile colors selected from Color Chart G-1. Not shown is 365 Crystal White, which may be combined with any color.

The harmonizing colors are all brite glazes except the matte glazes designated by the symbol ★



# CHINA BATHROOM ACCESSORIES

Available in all 50 colors shown on Color Chart G-1  
(Not available in Crystalline Glazes)

## TOWEL BAR POSTS



**No. 17**  
 $2\frac{1}{8} \times 2\frac{1}{2}$  Dowel Type  
Depth of Dowel:  $\frac{3}{4}$



**No. 47**  
 $4\frac{1}{4} \times 4\frac{1}{4}$  Clincher Back

SOAP HOLDERS	TUMBLER HOLDERS
<p><b>No. 700</b> <math>6 \times 4\frac{1}{4} \times 2\frac{7}{8}</math> Recessed Flush Drain</p>	<p><b>No. 403</b> <math>4\frac{1}{4} \times 4\frac{1}{4}</math> Projecting</p>
<p><b>No. 701</b> <math>6 \times 4\frac{1}{4} \times 2\frac{7}{8}</math> Recessed Center Drain</p>	<p><b>No. 103</b> Dowel Type, <math>4 \times 2\frac{1}{2}</math> Depth of Dowel: <math>\frac{7}{8}</math></p>
<p><b>No. 401</b> <math>4\frac{1}{4} \times 4\frac{1}{4} \times 2\frac{7}{8}</math> Recessed Center Drain</p>	<p><b>No. 602</b> <math>6 \times 6 \times 2\frac{7}{8}</math> Recessed Non-Drain</p>
<p><b>No. 502</b> <math>4\frac{3}{4} \times 6\frac{1}{2} \times 1\frac{1}{16}</math> Flange Type Non-Drain</p>	<p><b>No. 512</b> <math>4\frac{3}{4} \times 6\frac{1}{2} \times 1\frac{1}{16}</math> Flange Type</p>
<p><b>No. 503</b> <math>4\frac{5}{8} \times 4\frac{5}{8}</math> Flange Projecting</p>	<p><b>No. 902</b> <math>6\frac{1}{2} \times 6\frac{1}{2} \times 1\frac{1}{16}</math> Flange Type Non-Drain</p>
<p><b>No. 547</b> <math>4\frac{5}{8} \times 4\frac{5}{8}</math> Flange Type</p>	<p><b>No. 912</b> <math>6\frac{1}{2} \times 6\frac{1}{2} \times 1\frac{1}{16}</math> Flange Type</p>

**DOOR STOP**  
 $2\frac{3}{8} \times 2\frac{3}{8}$  Dowel Type



**TOWEL BARS**  
 $\frac{7}{8}$ " square  
White Pyralin  
Black Pyralin  
Chromium Plated  
Lengths:  
18" 24" 30"  
36"

## SHOWER SIGNS

Please  
Place Curtain  
Inside Tub  
Before Using  
Shower

436,  $4\frac{1}{4} \times 4\frac{1}{4}$    646,  $6 \times 4\frac{1}{4}$   
also: 466,  $4\frac{1}{4} \times 6$    636,  $6 \times 6$



**No. 436**

## ACCESSORY FRAMES

For  $6 \times 6$  Accessories  
to be set into  
 $4\frac{1}{4} \times 4\frac{1}{4}$  tile fields



**No. 424 ANGLES**

Four Per Set



**No. 428 MITERS**

Eight Per Set

China Bathroom Accessories are either flush type or flange type. A flush type accessory (including those with clincher back) generally occupies the full space of one or more tiles, and the

face of the accessory is in plane with the surface of the adjacent tiles. A flange type (including those with dowel backs) sets into a rough opening about 4-1/4 x 4-1/4, and is especially

useful for thin partitions or for thin setting bed installations. The face of the accessory is flanged over the adjacent tiles.

### COMBINATION TOOTHBRUSH & TUMBLER HOLDERS



No. 433  
4 1/4 x 4 1/4  
Projecting



No. 133  
Dowel Type. 4 x 2 1/2  
Depth of Dowel: 7/8

### TOOTHBRUSH HOLDERS



No. 423  
4 1/4 x 4 1/4  
Projecting



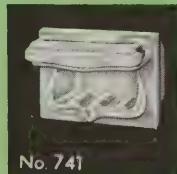
No. 123  
Dowel Type. 5 x 2 1/2  
Depth of Dowel: 7/8

### COMBINATION SOAP HOLDERS AND GRAB RAILS

8 1/2 x 4 1/4 x 2 7/8 Recessed  
Center Drain



No. 841



No. 741  
6 x 4 1/4 x 2 7/8 Recessed  
Center Drain



No. 641  
6 x 6 x 2 7/8 Recessed  
Center Drain



No. 740  
6 x 4 1/4 x 2 7/8 Recessed  
Flush Drain



No. 840  
8 1/2 x 4 1/4 x 2 7/8 Recessed  
Flush Drain



No. 541  
6 1/2 x 4 3/4 x 1 1/4  
Flange Type  
Center Drain



No. 542  
6 1/2 x 4 3/4 x 1 1/4  
Flange Type  
Non-Drain



6 1/2 x 6 1/2 x 1 1/4  
Flange Type  
Center Drain



No. 941  
6 1/2 x 6 1/2 x 1 1/4  
Flange Type  
Non-Drain

### PAPER HOLDERS

6 x 4 1/4 x 1 1/2  
Semi-Recessed  
for Roll Paper



No. 753

6 x 4 1/4 x 2 5/8 Recessed  
for Flat Paper



No. 760

6 x 6 x 3 5/16 Recessed  
for Roll Paper



No. 650

6 1/2 x 4 3/4 x 1  
Flange Type  
for Roll Paper



No. 553

6 1/2 x 6 1/2 x 1  
Flange Type  
for Roll Paper



No. 953

### RAZOR BLADE DISPOSALS

4 1/4 x 4 1/4



No. 418

### GRAB RAILS

8 1/2 x 4 1/4 Projecting

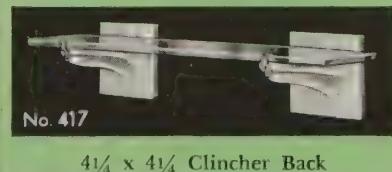


No. 819

### GLASS SHELVES

Crystal Glass  
 $\frac{5}{16}$ " thick  
5" wide  
Lengths:  
18" 24" 30"

### SHELF SUPPORTS



No. 417

4 1/4 x 4 1/4 Clincher Back

### HOOKS

2 1/8 x 2 1/2 Dowel Type  
3" Projection



No. 193

4 1/4 x 4 1/4 Towel and  
Strap Hook. Double  
2 3/4" and 1 1/2" Proj.



No. 414

# UNGLAZED TILE PRODUCTS

Shown at the right:

Main entrance, Hallmark Bldg., Kansas City, Missouri

Welton Becket and Associates, Architects and Engineers

Long Construction Co., General Contractor

Slater Tile and Mantel Co., Tile Contractor

Blend 3003-26 used on building facade.  
1-1/16" squares. Gray Granite, Light Gray, White; Sand Buff and Sand Brown Textone.

There is an expanding desire for colorful, permanent surfacing materials. Unglazed ceramic mosaics and pavers, skillfully employed, admirably meet this need.

In this notable building, Olean unglazed ceramic mosaics were used for:

- Exterior walls at grade
- Columns
- Facade overlooking plaza
- Marquee ceiling
- Planting boxes
- Foyer walls
- Executive suite washrooms

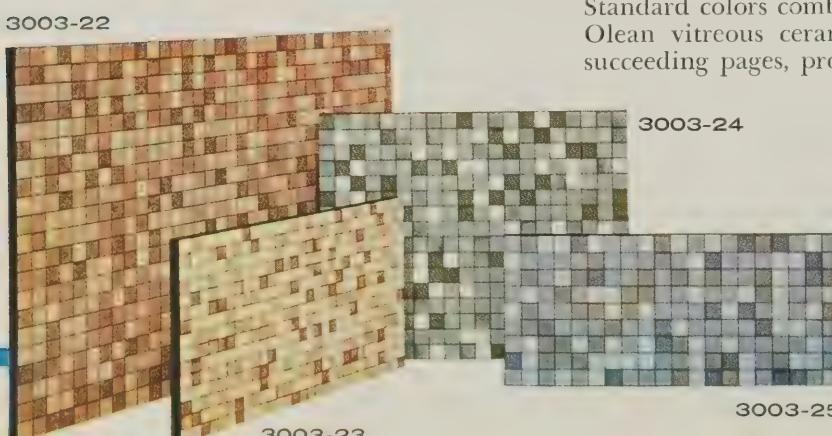
Olean unglazed pavers were used for:

- Entrance walk
- Exterior wall at grade
- Foyer floor
- Terrace, third floor



## TYPICAL PAN-O-RAMIC BLENDS

Standard colors combined in mass create new hues and interesting textures. Olean vitreous ceramic mosaics, available in the many colors shown on succeeding pages, provide polychrome surfaces of enduring beauty.



3003-22—1-1/16 squares. Golden Varitone; Fawn, Sand Buff, and Sand Brown Textone.

3003-23—3/4 squares. Ivory and Yellow; Canary and Tan Shadowflash.

3003-24—1-1/16 squares. Pastel Green and Dark Green; Pearl and Sage Shadowflash.

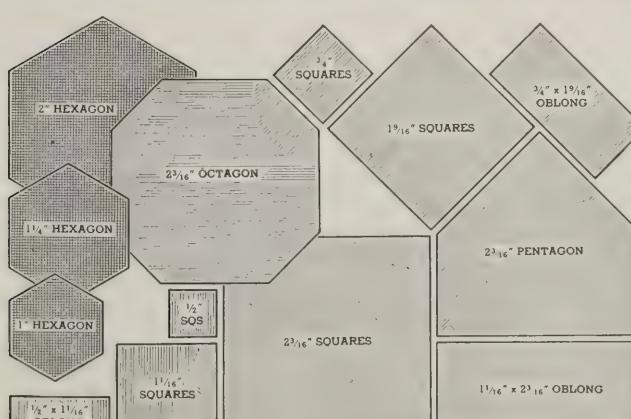
3003-25—1-1/16 squares. Cascade and Sea Blue; Slate and Azure Textone.

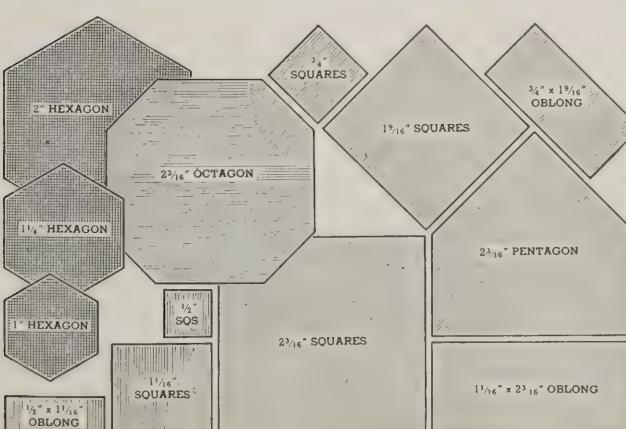
# UNGLAZED TILE

## Classifications and Size Integration

**UNGLAZED TILE** is a dense, hard tile of homogeneous composition, deriving color and texture from the materials of which it

is made. It may be of the Porcelain Type, which has a fine-grained surface, or Natural Clay Type, which has a more rugged surface.

TYPES	DESCRIPTION	USES	COLORS	SHAPES AND SIZES
<b>CERAMIC MOSAICS</b> —Less than 6 square inches in facial area, approximately $\frac{1}{4}$ " thick.				
<b>PORCELAIN</b> (square edge)	Made from mixtures of refined ceramic materials to form, after firing, a vitreous or impervious tile that is dense, fine-grained smooth, characterized by clear, luminous colors or granular blends thereof. Resistant to stains, easily cleaned, and highly resistant to wear.  Also furnished in certain sizes with non-slip grain for areas with special slipping hazards	Generally suitable for all uses, both indoor and outdoor.  Porcelain Type is especially adapted to floor use in Bathrooms, Kitchens, Operating Rooms, Dairies, etc., also for Drainboards and Work Areas, and for Swimming Pool Linings, Refrigerators, and all areas where sanitary requirements are extreme.	<b>Plain</b> Bright and Pastel hues.  <b>Granite</b> Similar to Plain Colors with a delicate texture.  <b>Shadowflash</b> Similar to Plain Colors with varying inburned shadowy effect.	<b>Dots</b> $\frac{1}{16}$ "—Black only. $\frac{1}{2}$ "—all colors except Sky Blue.  <b>Squares</b> $\frac{3}{4}$ "—all colors. $1\frac{1}{16}$ "—all colors. $1\frac{9}{16}$ "—all colors except Dark Brown, Slate and Maroon Textone. $2\frac{3}{16}$ "—all colors except Sky Blue and Shadowflash colors.  <b>Oblong</b> $\frac{3}{4}" \times 1\frac{9}{16}"$ —all colors except Dark Brown, Slate and Maroon Textone. $\frac{1}{2}" \times 1\frac{1}{16}"$ $1\frac{1}{16}" \times 2\frac{3}{16}"$ } All colors except Sky Blue and Shadowflash colors.  <b>Hexagon</b> $1"$ $1\frac{1}{4}"$ $2"$ Made in White and a limited number of Porcelain colors; also in the "Sand" Textone colors of the Natural Clay line.  <b>Octagon</b> $2\frac{3}{16}"$ —Porcelain Type only.  <b>Pentagon</b> $2\frac{3}{16}"$ —Natural Clay only.
<b>NATURAL CLAY</b> Normally cushion edge in the $1\frac{1}{16}"$ x $2\frac{3}{16}"$ series. Square edge can be furnished readily in $1\frac{1}{16}"$ sq. and $1\frac{1}{16}"$ x $2\frac{3}{16}"$ obl., but in $2\frac{3}{16}"$ sq. it can be supplied only on sizable order. Other sizes square edge.	Made from unwashed clays which produce a strong, long-wearing body having a rugged and slightly textured surface; rough enough to minimize slipping yet easily cleaned.  Also furnished with non-slip grain on sizable order, square edge only.	Generally suitable for all uses, both indoor and outdoor.  Natural Clay Type is especially suitable for Swimming Pool Runways; for floors in Porches, Entrances, and Game Rooms in the Home; for floors and walls in Corridors, Toilets, and Special Purpose rooms in Industrial Plants, Public Buildings, Schools, and other Institutions; for floors, walls and facings of Store Fronts and Entrances.	<b>Textone</b> Restful, subdued colors, lightly flecked.  <b>Varitone</b> Naturally variegated tones in shades of golden tan to purplish red.  Available in Full Range, Light Range, Golden Range, and Red Range.	$1\frac{1}{16}" - 2\frac{3}{16}"$ Series $1\frac{1}{16}"$ ..... Square $1\frac{1}{16}" \times 2\frac{3}{16}"$ ..... Oblong $2\frac{3}{16}"$ ..... Square $2\frac{3}{16}"$ ..... Pentagon  $\frac{3}{4}" - 1\frac{9}{16}"$ Series $\frac{3}{4}"$ ..... Square $\frac{3}{4}" \times 1\frac{9}{16}"$ ..... Oblong $1\frac{9}{16}"$ ..... Square  $\frac{1}{2}" - 1\frac{1}{16}"$ Series Sometimes used in combination with $1\frac{1}{16}" - 2\frac{3}{16}"$ Series. $\frac{1}{2}"$ ..... Square $\frac{1}{2}" \times 1\frac{1}{16}"$ ..... Oblong $1\frac{1}{16}" \times 2\frac{3}{16}"$ ..... Square  <b>Unrelated</b> $1"$ ..... Hexagon $1\frac{1}{4}"$ ..... Hexagon $2"$ ..... Hexagon $2\frac{3}{16}"$ ..... Octagon (Works with $\frac{3}{4}"$ Square Dot)  
<b>PAVERS</b> —More than 6 square inches in facial area, approximately $\frac{1}{2}$ " thick.				
<b>PORCELAIN</b> or <b>NATURAL CLAY</b>	Pavers are larger and thicker than ceramic mosaics, but have the same characteristics.  Also furnished with non-slip grain.	Heavy duty service in Packing Houses, Power Plants, and Institutions. For Stairs and Landings, Porches, and Hearths.	Regularly made in Textone colors; and in White, Black, and Light Gray of the Porcelain Colors. Other colors available on sizable order.	Regularly made in $6" \times 6"$ , but for sizable order may be manufactured in $4\frac{1}{4}" \times 4\frac{1}{4}"$ , $2\frac{7}{8}" \times 2\frac{7}{8}"$ , and $2\frac{7}{8}" \times 6"$ .



$1\frac{1}{16}" - 2\frac{3}{16}"$  Series  
 $1\frac{1}{16}"$  ..... Square  
 $1\frac{1}{16}" \times 2\frac{3}{16}"$  ..... Oblong  
 $2\frac{3}{16}"$  ..... Square  
 $2\frac{3}{16}"$  ..... Pentagon



$\frac{3}{4}" - 1\frac{9}{16}"$  Series  
Sometimes used in combination with  $1\frac{1}{16}" - 2\frac{3}{16}"$  Series.  
 $\frac{3}{4}"$  ..... Square  
 $\frac{3}{4}" \times 1\frac{9}{16}"$  ..... Oblong  
 $1\frac{9}{16}"$  ..... Square



$\frac{1}{2}" - 1\frac{1}{16}"$  Series  
 $\frac{1}{2}"$  ..... Square  
 $\frac{1}{2}" \times 1\frac{1}{16}"$  ..... Oblong  
 $1\frac{1}{16}"$  ..... Square

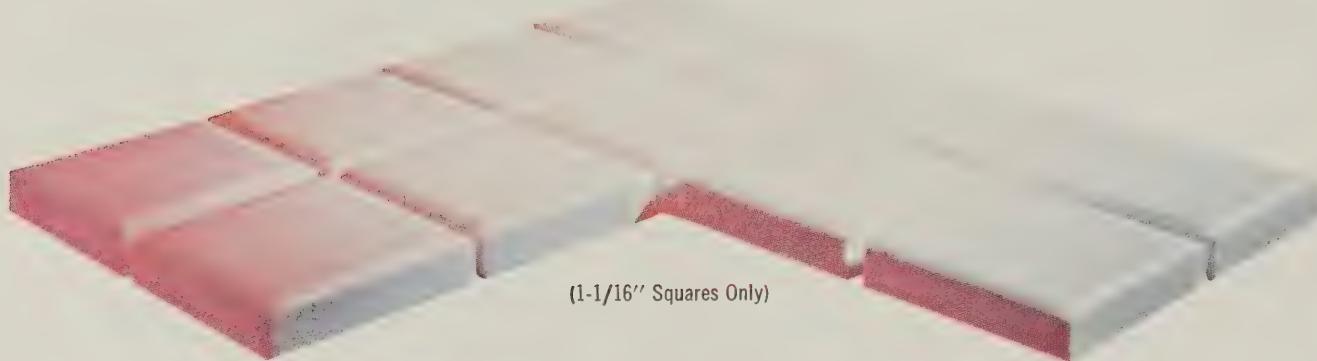


**Unrelated**  
 $1"$  ..... Hexagon  
 $1\frac{1}{4}"$  ..... Hexagon  
 $2"$  ..... Hexagon  
 $2\frac{3}{16}"$  ..... Octagon  
(Works with  $\frac{3}{4}"$  Square Dot)



# NEW

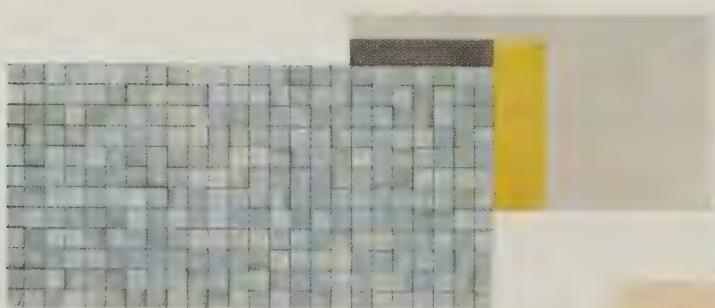
## PORCELAIN TYPE CERAMIC MOSAICS WITH CUSHION EDGE



With the introduction of cushion edge 1-1/16" Square, Porcelain Type ceramic mosaics, all Olean colors may now be intermingled to fashion limitless special effects. Attractive on any installation, the cushion edge is particularly useful where adhesives are to be used.

### Pan-O-ramic Blends offer an interest unobtainable in other surfacing materials

Pan-O-ramic Blends may be used with equal grace on floors and walls, indoors and out. By combining several similar shades in each color family, our designers have produced the accompanying eight blends that are fundamental in nature, ranging through the basic color groups. Versatility of use is assured by the blending of analogous shades, which imparts a richness of texture not found in monotone finishes.

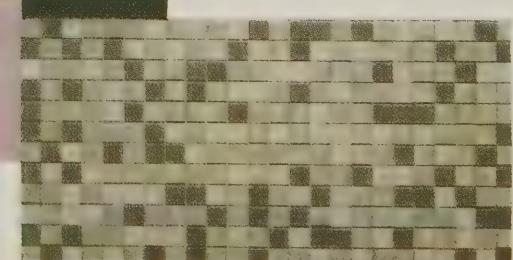


3003-37

1-1/16" Squares, C. E., Turquoise  
Shadowflash, Blue Granite,  
Cascade, Slate Textone.

3003-33

1-1/16" Squares, C. E., Dark Olive  
Textone, Light Olive Textone,  
Sage Shadowflash,  
Medium Green.

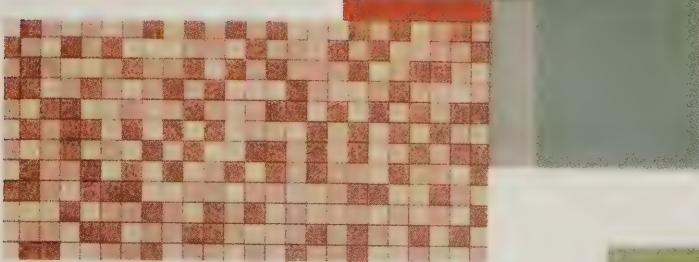


# NEW PAN-O-RAMIC® BLENDS

Shown behind the tile panels  
are some of the colors which can be used  
for pleasing decorative effects with  
these Pan-O-ramic Blends.

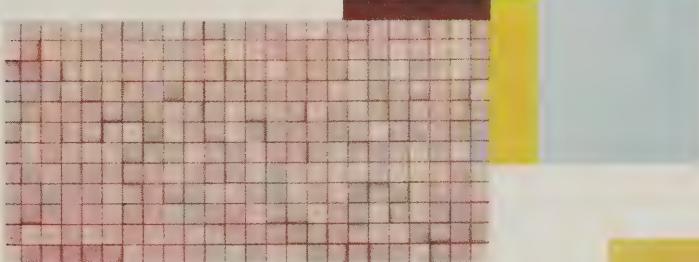
3003-32

1-1/16" Squares, C. E., Fawn  
Textone, Dusky Peach, Buff.



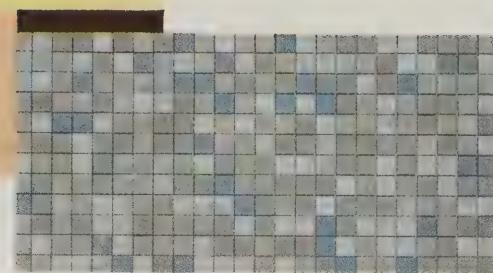
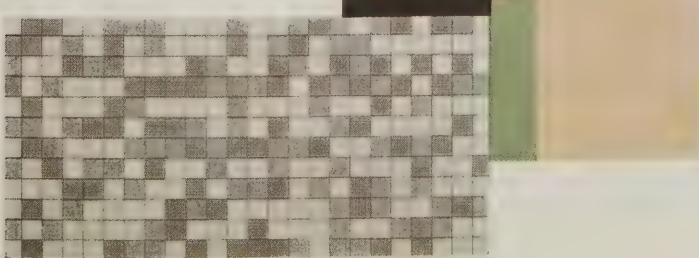
3003-35

1-1/16" Squares, C. E., Pink, Shell  
Pink, Rose Shadowflash, Lilac.



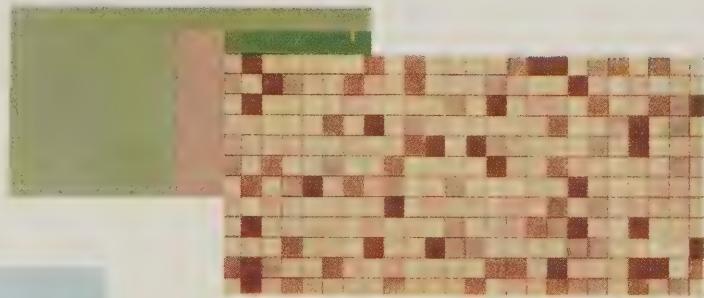
3003-31

1-1/16" Squares, C. E., Dark Gray,  
Light Gray, Slate Textone,  
Gray Granite.



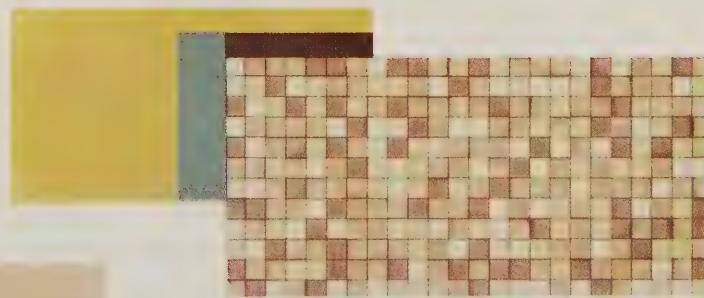
3003-36

1-1/16" Squares, C. E., Blue  
Granite, Cascade, Azure  
Textone, Deep Blue.



3003-29

1-1/16" Squares, C. E., Golden  
Range Varitone, Tan  
Shadowflash, Rust Brown,  
Dusky Peach, Fawn Textone.



3003-38

1-1/16" Squares, C. E., Canary  
Shadowflash, Yellow, Ivory,  
Tan Shadowflash.

# PAN-O-RAMICS®

The accompanying Pan-O-ramic patterns are representative of the type of large area patterns that are becoming increasingly popular. Assembled in standard-size sheets, these patterns result in individualized installations without presenting unusual setting problems. Available in various sizes and in the full line of Olean colors, Pan-O-ramic patterns may be adapted to meet any requirement. If other unusual effects are desired, our Design Department at Olean will be glad to cooperate with you in working out treatments for special purposes.

3003-15

3/4" squares, st. jt.  
Dusky Peach  
and Ivory

3003-17

3/4" squares, st. jt.  
Sky Blue and  
Sea Blue,  
Rust Brown and  
Dusky Peach

3003-18

1-1/16" squares, st. jt.  
Golden Range  
Varitone, C. E.;  
Fawn and Light  
Olive Textone,  
C. E.

3003-19

1-1/16" x 2-3/16" Series  
Sand Buff, Fawn,  
Seal Brown,  
Maroon Textone,  
C.E.; Black, C.E.



*Entrance corridor, Senior High School, Mamaroneck, N. Y. McCoy and Blair, Architects. Terra Cast, Inc., Tile Contractor.  
Tile description: Red, Black, Dark Gray, Yellow, Cascade and White. All 1-1/6" squares. Color Plate 368.*

## **TILE MURALS**

for decorative effects

There is an increasing appreciation for the decorative values of tile, as illustrated by this ninety foot ceramic mosaic mural. Particularly striking when designed in a contemporary style, tile murals give the architect an opportunity to create outstanding decorative effects

using a material which is permanent, easy to maintain and moderate in initial cost.

Our design department at Olean is experienced in developing the details for murals and other treatments in accordance with the architect's basic conception.

# CONDUCT-O-TILE FOR HOSPITALS

**Conduct-O-Tile Floors Eliminate the Main Cause of Static-Sparked Explosions**—Explosion of anesthetic gases by static electricity is one of the most feared of operating room hazards. Conduct-O-Tile safely dissipates dangerous charges of static electricity when other N.F.P.A. recommendations are fulfilled.

Conduct-O-Tile is an impervious ceramic tile, with all the advantages that have made ceramic tile the

preferred material for walls and floors in many areas in hospitals.

Conduct-O-Tile is permanently conductive. It needs no waxing or other special treatment. Since this conductivity is "fired-in", there is no free carbon to bleed out and be tracked to other areas. It is recommended for operating rooms, delivery rooms, adjoining corridors, and areas where anesthetics are stored.

## CHECK THESE UNIQUE FEATURES

- Conductivity within limits recommended by N.F.P.A. Bulletin 56.
- Positive contact with conductive element.
- Return to proper resistivity minutes after washing.
- Moisture not needed for conductivity.
- Freedom from metal and other high conductive elements.
- No sealing, waxing, or other special treatment required, merely keep clean.
- Does not mar or indent.
- Impervious — no staining.

- No free carbon at surface to be tracked around.
- Easy to clean, impervious to harsh soaps and disinfectants.
- Completely fireproof.
- No unusual installation problems.
- Permanent—no replacement costs.
- Low cost in relation to life expectancy.
- Ample design possibilities—solid Jet Black or a variety of small-unit patterns with brightening colors.

**WARRANTY**—The Olean Tile Company of Olean, New York, guarantees that its Conduct-O-Tile equals or exceeds all industry standards for standard grade ceramic mosaic floor tile as outlined by Simplified Practice Recommendation R61-44 and Federal Specification SS-T-308.

It further guarantees that Conduct-O-Tile units supplied on every job will have permanent median resistance of between 50,000 and 500,000 ohms when tested individually under five-pound terminals using testing equipment as specified by Bulletin 56 of July, 1956, of the National Fire Protection Association.

**SPECIFICATION**—Impervious Conduct-O-Tile as manufactured by the Olean Tile Company of Olean, New York, and sold by the American-Olean Tile Company, shall be used.

Pattern shall be as selected, in conductive units either alone or with green or other color accent, and shall conform to the recommendations of the National Fire Protection Association.

Factory-tested: Every kiln container of every run through the factory is tested for conductivity and other basic qualities before the tile is released for order assembly.

**8271-14**

$1\frac{1}{16}$ " squares, st. jt., with bow inserts. Jet Conduct-O-Tile and Green Granite.

**8271-5**

$1\frac{1}{16}$ " squares, st. jt. Jet Conduct-O-Tile.

**8271-16**

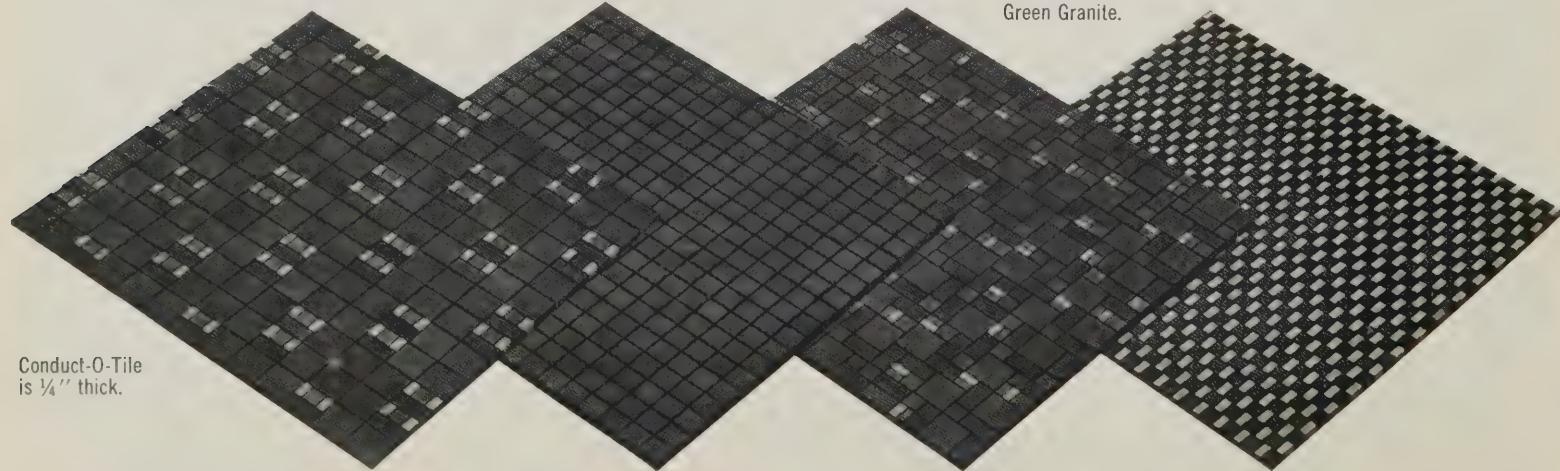
Block Random Sprinkle Pattern,  $\frac{3}{4}$ " x  $1\frac{1}{16}$ " series Jet Conduct-O-Tile and Green Granite.

**8271-2**

Caneweave,  $\frac{3}{4}$ " squares, br. jt., with rectangular halves. Jet Conduct-O-Tile and Green Granite.

**8271-15**

$1\frac{1}{16}$ " squares, st. jt. Jet Conduct-O-Tile (not shown).



Conduct-O-Tile  
is  $\frac{1}{4}$ " thick.

# GLAZED TILE TRIM • For conventional installation

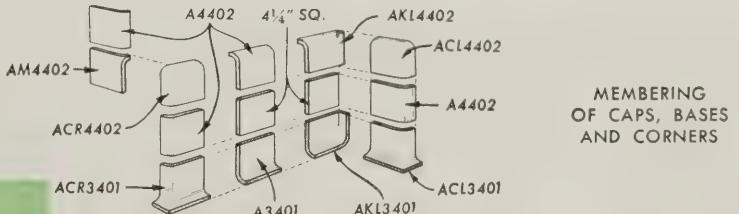
## CAPS & COMBINATIONS

All trim tile  $5/16"$  thick. In 50 colors shown on Color Chart G-1.

NUMBER	CROSS-SECTION	OUT ANGLES	SQUARE IN ANGLES	ROUND IN ANGLES	CORNERS	MISCELLANEOUS
A-4200						
A-1662	6" LONG $3\frac{3}{4}$ " HIGH	LEFT ANGLE ACL-1662 RIGHT ANGLE ACR-1662	LEFT ANGLE AKL-1662 RIGHT ANGLE AKR-1662	LEFT ANGLE ABL-1662 RIGHT ANGLE ABR-1662	AMX-1662 RD. UP CORNER	AM-1662 SQ. UP CORNER
A-4460	6" LONG $4\frac{1}{4}$ " HIGH	LEFT ANGLE ACL-4460 RIGHT ANGLE ACR-4460	LEFT ANGLE AKL-4460 RIGHT ANGLE AKR-4460	LEFT ANGLE ABL-4460 RIGHT ANGLE ABR-4460		RT. SQ. UP CORNER AMR-4460 LT. SQ. UP CORNER AML-4460
A-3602	6" LONG 6" HIGH	LEFT ANGLE ACL-3602 RIGHT ANGLE ACR-3602	LEFT ANGLE AKL-3602 RIGHT ANGLE AKR-3602	LEFT ANGLE ABL-3602 RIGHT ANGLE ABR-3602	AMX-3602 ROUND UP CORNER	AM-3602 SQ. UP CORNER
A-4402 <span style="color:red;">★</span>						
A-4640						
A-1330 <span style="color:red;">★</span>						

Numbers marked with a star (★) are available in Glazed Frostproof tile.

The dimension given for height is the overall measurement. On cove bases, the glazed area is less than the overall dimension by  $5/16"$ .



## BASES & COVES

NUMBER	CROSS-SECTION	OUT ANGLES	SQUARE IN ANGLES	ROUND IN ANGLES	MISCELLANEOUS
A-3201					
A-3301	6" LONG $2\frac{1}{8}$ " HIGH	LEFT ANGLE ACL-3301 RIGHT ANGLE ACR-3301	LEFT ANGLE AKL-3301 RIGHT ANGLE AKR-3301	LEFT ANGLE ABL-3301 RIGHT ANGLE ABR-3301	RIGHT STOP ASR-3301 LEFT STOP ASL-3301
A-1663	6" LONG $3\frac{3}{4}$ " HIGH	LEFT ANGLE ACL-1663 RIGHT ANGLE ACR-1663	LEFT ANGLE AKL-1663 RIGHT ANGLE AKR-1663	LEFT ANGLE ABL-1663 RIGHT ANGLE ABR-1663	RIGHT STOP ASR-1663 LEFT STOP ASL-1663
A-3461	6" LONG $4\frac{1}{4}$ " HIGH	LEFT ANGLE ACL-3461 RIGHT ANGLE ACR-3461	LEFT ANGLE AKL-3461 RIGHT ANGLE AKR-3461	LEFT ANGLE ABL-3461 RIGHT ANGLE ABR-3461	RIGHT STOP ASR-3461 LEFT STOP ASL-3461
A-3601	6" LONG 6" HIGH	LEFT ANGLE ACL-3601 RIGHT ANGLE ACR-3601	LEFT ANGLE AKL-3601 RIGHT ANGLE AKR-3601	LEFT ANGLE ABL-3601 RIGHT ANGLE ABR-3601	RIGHT STOP ASR-3601 LEFT STOP ASL-3601
A-1443					
★A-3401					RIGHT STOP ASR-3401 LEFT STOP ASL-3401
A-3641					RIGHT STOP ASR-3641 LEFT STOP ASL-3641
A-1331 <span style="color:red;">★</span>					

# GLAZED TILE TRIM • For conventional installation

## SANITARY BASES

NUMBER	CROSS-SECTION	OUT ANGLES	SQUARE IN ANGLES	ROUND IN ANGLES	MISCELLANEOUS
A-3410					
A-3610	6" LONG 6" HIGH	LEFT ANGLE ACL-3610 RIGHT ANGLE ACR-3610		LEFT ANGLE ABL-3610 RIGHT ANGLE ABR-3610	RIGHT ANGLE ASR-3610 LEFT ANGLE ASL-3610

## SINK TRIM—FROSTPROOF ONLY

A-4225 ★							
<b>TYPICAL COUNTER TOP</b>							

All sink trim and drainboard deck should be Glazed Frostproof tile. Those trim shapes marked with a (★) are available in Glazed Frostproof tile.

### TRIM SHAPES FOR CRYSTALLINE GLAZES AND SCORED TILE

Trim shapes with crystalline glazes, not scored, are available in the surface series S-4269, S-4339, and S-4449.

The only scored trim shape available is the S-4449 series which is scored in Design SD-1 only. See page 8.

## MISCELLANEOUS TRIM

A-106 ★						
A-107 ★						
A-4210						

## DOOR TRIM AND CAPS

A-4340						
--------	--	--	--	--	--	--

## DOOR TRIM PLINTHS

	A-5360 6"x3 1/4" USED WITH A-4340		A-5460 6"x4 1/2" USED WITH A-7410 A-7440		A-5560 6"x5 1/4" USED WITH A-7510		A-5361 6"x3 1/4" USED WITH A-4340

# GLAZED TILE TRIM FOR LARGE UNITS

(CONVENTIONAL INSTALLATION)

## CAPS AND COMBINATIONS

All trim tile 5/16" thick. In 50 colors shown on Color Chart G-1.

NUMBER	CROSS-SECTION	ROUND OUT ANGLES	ROUND IN ANGLES	SQUARE IN ANGLES	MISCELLANEOUS
A-4460	6" LONG 4 1/4" HIGH				
		ILLUSTRATED ACL-4460 RIGHT ANGLE ACR-4460	ILLUSTRATED ABL-4460 RIGHT ANGLE ABR-4460	ILLUSTRATED AKL-4460 RIGHT ANGLE AKR-4460	ILLUSTRATED AMR-4460 LEFT ANGLE AML-4460
A-4640	4 1/4" LONG 6" HIGH				AK-106 SAME AS ABOVE
		LEFT ANGLE ACL-4640 RIGHT ANGLE ACR-4640	LEFT ANGLE ABL-4640 RIGHT ANGLE ABR-4640	LEFT ANGLE AKL-4640 RIGHT ANGLE AKR-4640	RIGHT ANGLE AMR-4640 LEFT ANGLE AML-4640
A-4840	8 1/2" LONG 4 1/4" HIGH				AK-106 SAME AS ABOVE
		ILLUSTRATED ACL-4840 RIGHT ANGLE ACR-4840	ILLUSTRATED ABL-4840 RIGHT ANGLE ABR-4840	ILLUSTRATED AKL-4840 RIGHT ANGLE AKR-4840	ILLUSTRATED AMR-4840 LEFT ANGLE AML-4840
A-4480	8 1/2" LONG 4 1/4" HIGH				AK-106 SAME AS ABOVE
		LEFT ANGLE ACL-4480 RIGHT ANGLE ACR-4480	LEFT ANGLE ABL-4480 RIGHT ANGLE ABR-4480	LEFT ANGLE AKL-4480 RIGHT ANGLE AKR-4480	RIGHT ANGLE AMR-4480 LEFT ANGLE AML-4480

## BASES AND COVES

NUMBER	CROSS-SECTION	ROUND OUT ANGLES	ROUND IN ANGLES	SQUARE IN ANGLES	MISCELLANEOUS
A-3461	6" LONG 4 1/4" HIGH				
		ILLUSTRATED ACL-3461 RIGHT ANGLE ACR-3461	ILLUSTRATED ABL-3461 RIGHT ANGLE ABR-3461	ILLUSTRATED AKL-3461 RIGHT ANGLE AKR-3461	ILLUSTRATED ASR-3461 LEFT STOP ASL-3461
A-3641	4 1/4" LONG 6" HIGH				RIGHT STOP ASR-3641 LEFT STOP ASL-3641
		LEFT ANGLE ACL-3641 RIGHT ANGLE ACR-3641	LEFT ANGLE ABL-3641 RIGHT ANGLE ABR-3641	LEFT ANGLE AKL-3641 RIGHT ANGLE AKR-3641	
A-3841	4 1/4" LONG 8 1/2" HIGH				
		ILLUSTRATED ACL-3841 RIGHT ANGLE ACR-3841	ILLUSTRATED ABL-3841 RIGHT ANGLE ABR-3841	ILLUSTRATED AKL-3841 RIGHT ANGLE AKR-3841	ILLUSTRATED ASR-3841 LEFT STOP ASL-3841
A-3481	8 1/2" LONG 4 1/4" HIGH				RIGHT STOP SMR-4481 LEFT STOP ASL-3481
		LEFT ANGLE ACL-3481 RIGHT ANGLE ACR-3481	LEFT ANGLE ABL-3481 RIGHT ANGLE ABR-3481	LEFT ANGLE AKL-3481 RIGHT ANGLE AKR-3481	

(FOR THIN SETTING BED INSTALLATIONS)

## CAPS AND COMBINATIONS

NUMBER	CROSS-SECTION	ROUND OUT ANGLES	ROUND IN ANGLES	SQUARE IN ANGLES	MISCELLANEOUS
S-4469	6" LONG 4 1/4" HIGH				
		ILLUSTRATED SCR-4469 LEFT ANGLE SCL-4469	ILLUSTRATED SBL-4469 RIGHT ANGLE SBR-4469	ILLUSTRATED SKL-4469 RIGHT ANGLE SKR-4469	ILLUSTRATED SMR-4469 LEFT ANGLE SML-4469
S-4649	4 1/4" LONG 6" HIGH				RIGHT ANGLE SMR-4649 LEFT ANGLE SML-4649
		RIGHT ANGLE SCR-4649 LEFT ANGLE SCL-4649	LEFT ANGLE SBL-4649 RIGHT ANGLE SBR-4649	LEFT ANGLE SKL-4649 RIGHT ANGLE SKR-4649	
S-4849	4 1/4" LONG 8 1/2" HIGH				
		ILLUSTRATED SCR-4849 LEFT ANGLE SCL-4849	ILLUSTRATED SBL-4849 RIGHT ANGLE SBR-4849	ILLUSTRATED SKL-4849 RIGHT ANGLE SKR-4849	ILLUSTRATED SMR-4849 LEFT ANGLE SML-4849
S-4489	8 1/2" LONG 4 1/4" HIGH				RIGHT ANGLE SMR-4489 LEFT ANGLE SML-4489
		RIGHT ANGLE SCR-4489 LEFT ANGLE SCL-4489	LEFT ANGLE SBL-4489 RIGHT ANGLE SBR-4489	LEFT ANGLE SKL-4489 RIGHT ANGLE SKR-4489	

## BASES AND COVES

NUMBER	CROSS-SECTION	ROUND OUT ANGLES	NUMBER	CROSS-SECTION	ROUND OUT ANGLES
A-3461	6" LONG 4 1/4" HIGH		A-3841		
		ILLUSTRATED SCR-3461 LEFT ANGLE SCL-3461			ILLUSTRATED SCR-3841 LEFT ANGLE SCL-3841
A-3641	4 1/4" LONG 6" HIGH		A-3481		
		RIGHT ANGLE SCR-3641 LEFT ANGLE SCL-3641			RIGHT ANGLE SCR-3481 LEFT ANGLE SCL-3481

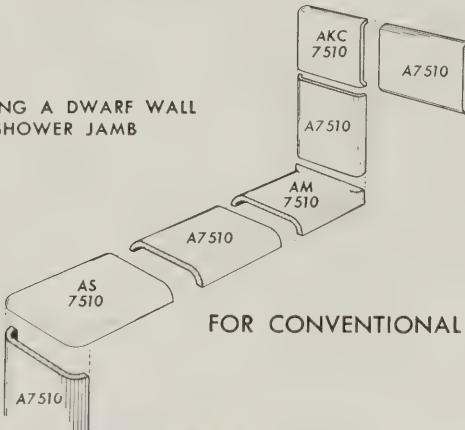
# GLAZED TILE TRIM • For conventional installation

## CURB TILE or DOUBLE BULLNOSE

All trim tile  $5/16"$  thick. In 50 colors shown on Color Chart G-1.

CROSS-SECTION		STOP OR OUT ANGLE	SQUARE IN ANGLE	SQUARE DOWN CORNER	MISCELLANEOUS
					
A-7440	4 $\frac{1}{4}$ " WIDE 4 $\frac{1}{4}$ " LONG	AS-7440	AM-7440	AKC-7440	AZL-7440
A-7410	4 $\frac{1}{4}$ " WIDE 6" LONG	AS-7410	AM-7410	AKC-7410	AZL-7410
A-7510	5" WIDE 6" LONG	AS-7510	AM-7510	AKC-7510	
A-7610	6" WIDE 6" LONG	AS-7610	AM-7610	AKC-7610	

FOR CAPPING A DWARF WALL  
OR SHOWER JAMB

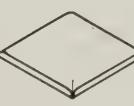
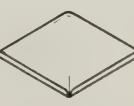


FOR CONVENTIONAL INSTALLATION

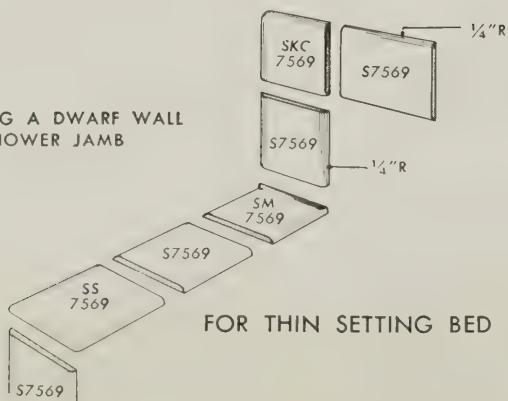
# GLAZED TILE TRIM • For thin setting bed installation

## CURB TILE or DOUBLE BULLNOSE

All trim tile  $5/16"$  thick. In 50 colors shown on Color Chart G-1.

STRETCHER NO. AND SIZE		STOP or OUT ANGLE	SQUARE IN ANGLE	SQUARE DOWN CORNER	3 WAY ANGLE
					
S-7449	4 $\frac{1}{4}$ " WIDE 4 $\frac{1}{4}$ " LONG	SS-7449	SM-7449	SKC-7449	LEFT ANGLE SZL-7449 RIGHT ANGLE SZR-7449
S-7469	4 $\frac{1}{4}$ " WIDE 6" LONG	SS-7469	SM-7469	SKC-7469	LEFT ANGLE SZL-7469 RIGHT ANGLE SZR-7469
S-7569	5" WIDE 6" LONG	SS-7569	SM-7569	SKC-7569	LEFT ANGLE SZL-7569 RIGHT ANGLE SZR-7569
S-7669	6" WIDE 6" LONG	SS-7669	SM-7669	SKC-7669	ILLUSTRATED SZL-7669 RIGHT ANGLE SZR-7669

FOR CAPPING A DWARF WALL  
OR SHOWER JAMB



FOR THIN SETTING BED INSTALLATION

# GLAZED TILE TRIM • For thin setting bed installation

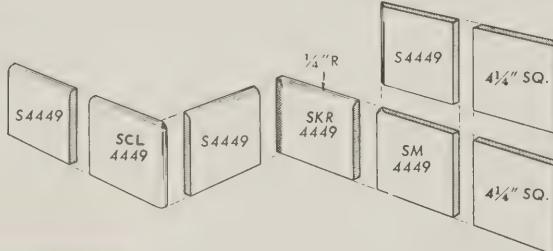
Flat tiles are equally suitable for conventional or thin setting bed installations. Specially designed trim shapes with a  $\frac{1}{4}$ " external radius should be specified for thin setting bed installations. They are designated by the prefix "S".

## CAPS & COMBINATIONS

All trim tile  $\frac{5}{16}$ " thick. In 50 colors shown on Color Chart G-1.

NUMBER	CROSS-SECTION	ROUND OUT ANGLES	SQUARE IN ANGLES	SQUARE UP ANGLES	ROUND DOWN ANGLES
S-4269					
S-4469	6" LONG $4\frac{1}{4}$ " HIGH	RIGHT ANGLE SCR-4469 LEFT ANGLE SCL-4469	LEFT ANGLE SKL-4469 RIGHT ANGLE SKR-4469	RIGHT ANGLE SMR-4469 LEFT ANGLE SML-4469	LEFT CORNER SNL-4469 RIGHT CORNER SNR-4469
S-4669	6" LONG 6" HIGH	RIGHT ANGLE SCR-4669 LEFT ANGLE SCL-4669	LEFT ANGLE SKL-4669 RIGHT ANGLE SKR-4669	SM-4669 SQ. UP CORNER	SN-4669 DOWN CORNER
S-4449	$4\frac{1}{2}$ " LONG $4\frac{1}{4}$ " HIGH	RIGHT ANGLE SCR-4449 LEFT ANGLE SCL-4449	LEFT ANGLE SKL-4449 RIGHT ANGLE SKR-4449	SM-4449 SQ. UP CORNER	SN-4449 DOWN CORNER
S-4649	$4\frac{1}{4}$ " LONG 6" HIGH	RIGHT ANGLE SCR-4649 LEFT ANGLE SCL-4649	LEFT ANGLE SKL-4649 RIGHT ANGLE SKR-4649	RIGHT ANGLE SMR-4649 LEFT ANGLE SML-4649	LEFT CORNER SNL-4649 RIGHT CORNER SNR-4649
S-4339					

Note that the piece numbers preceded by the letter "S" are made with a  $\frac{1}{4}$ " external radius and are designed to member with tile set by the thin setting bed method. They do not have the "return" customary for conventional setting.



MEMBERING OF  
CAPS AND CORNERS  
FOR THIN SETTING  
BED INSTALLATION

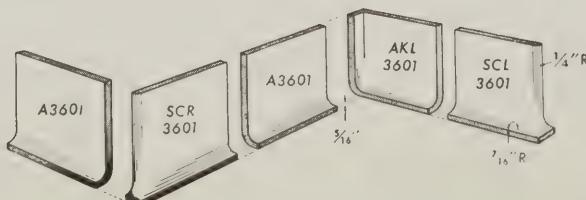
## BASES—OUT CORNERS

NUMBER	CROSS-SECTION	ROUND OUT ANGLES	NUMBER	CROSS-SECTION	ROUND OUT ANGLES
A-3301			A-3401		
A-1663	6" LONG $3\frac{3}{4}$ " HIGH	RIGHT ANGLE SCR-1663 LEFT ANGLE SCL-1663	A-3641	$4\frac{1}{4}$ " LONG 6" HIGH	LEFT ANGLE SCL-3641 RIGHT ANGLE SCR-3641
A-3461	6" LONG $4\frac{1}{4}$ " HIGH	RIGHT ANGLE SCR-3461 LEFT ANGLE SCL-3461	A-1331		
A-3601	6" LONG 6" HIGH	RIGHT ANGLE SCR-3601 LEFT ANGLE SCL-3601			

This chart of base trimmers illustrates the use of surface (S-series) trim corners in combination with conventional type (A-series) base stretchers for thin setting bed installations.

The radius of surface trim caps and out-corners is  $\frac{1}{4}$ "; the radius of surface trim bases is  $\frac{1}{4}$ " at corner edge and  $\frac{7}{16}$ " at cove.

Note that the thin setting bed method requires conventional trim shapes with the "A" prefix for stretchers and internal corners. The "S" prefix is used on the membering out corners.



MEMBERING OF  
BASES AND CORNERS FOR THIN  
SETTING BED INSTALLATIONS

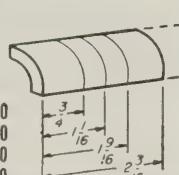
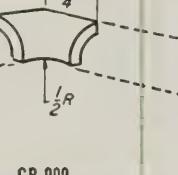
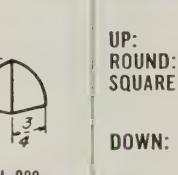
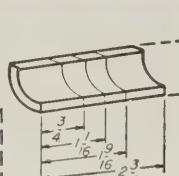
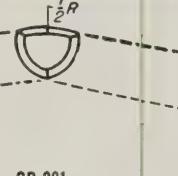
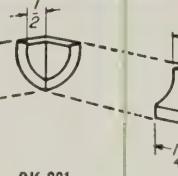
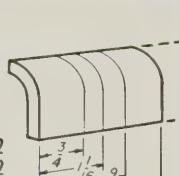
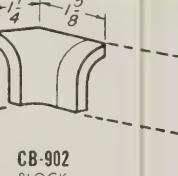
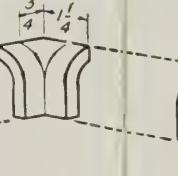
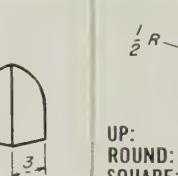
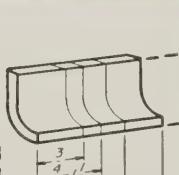
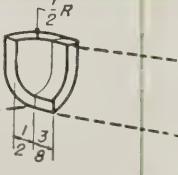
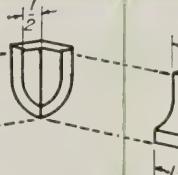
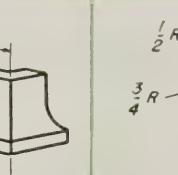
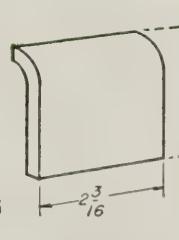
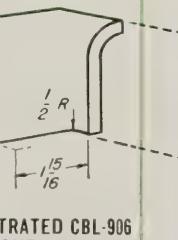
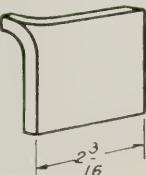
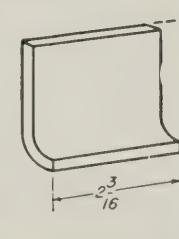
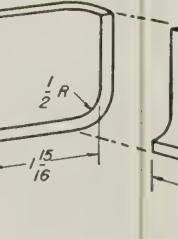
# UNGLAZED CERAMIC MOSAIC TRIM

## For conventional installation

DUST-PRESSED,  $\frac{1}{4}$ " THICK

MOUNTED or LOOSE

Numbers in parentheses are different numbers for the same piece. The different designations merely indicate different usages.

CROSS-SECTION	STRETCHERS RUNNING LENGTH	INSIDE CORNERS ROUND	OUTSIDE CORNERS ROUND	INSIDE CORNERS SQUARE	OUTSIDE CORNERS SQUARE	UP AND DOWN CORNERS
	$\frac{3}{4}$ "—C-900 $1\frac{1}{16}$ "—C-910 $1\frac{1}{16}$ "—C-920 $2\frac{3}{16}$ "—C-930	 CB-900	 CC-900	 CK-900 BLOCK CKY-900 COMB.	 CL-900	UP: ROUND: CMX-900 (CB-900) SQUARE: CM-900 BLOCK (CK-900) CMY-900 COMB. (CKY-900)  DOWN: CN-900 (CC-900)
	$\frac{3}{4}$ "—C-901 $1\frac{1}{16}$ "—C-911 $1\frac{1}{16}$ "—C-921 $2\frac{3}{16}$ "—C-931	 CB-901	 CC-901	 CK-901	 CL-901	UP: CMX-901 (CB-901) DOWN: CN-901 (CC-901)
	$\frac{3}{4}$ "—C-902 $1\frac{1}{16}$ "—C-912 $1\frac{1}{16}$ "—C-922 $2\frac{3}{16}$ "—C-932	 CB-902 BLOCK CBR-902 COMB.	 CC-902 BLOCK CCR-L-902 COMB.	 CK-902 BLOCK CKY-902 COMB.	 CL-902	UP: ROUND: CMX-902 COMB. SQUARE: CM-902 BLOCK Both illustrated  DOWN: CN-902 (CCR-L-902)
	$\frac{3}{4}$ "—C-903 $1\frac{1}{16}$ "—C-913 $1\frac{1}{16}$ "—C-923 $2\frac{3}{16}$ "—C-933	 CB-903 BLOCK CBR-L-903 COMB.	 CC-903 BLOCK CCR-903 COMB.	 CK-903	 CL-903	UP: CMX-903 (CBR-L-903) DOWN: CN-903 (ILLUSTRATED)
	$2\frac{3}{16}$ "—C-936	 ILLUSTRATED CBL-906 RIGHT ANGLE CBR-906	 CCR-L-906	BLOCK IN: CK-902		 UP: SQUARE: CM-906 (ILLUSTRATED) DOWN: CN-906 (CCR-L-906)
	$2\frac{3}{16}$ "—C-937	 ILLUSTRATED CBR-L-907 RIGHT ANGLE CCR-907	 ILLUSTRATED CCL-907 RIGHT ANGLE CCR-907	THESE $2\frac{3}{16}$ " TRIMMERS ARE AVAILABLE IN NATURAL CLAY TYPE CUSHION EDGE ONLY		
						UP: ROUND: CMX-907 (CBR-L-907)

For unglazed ceramic mosaic surface trimmers, see page 27.

# UNGLAZED CERAMIC MOSAIC TRIM

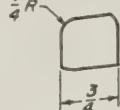
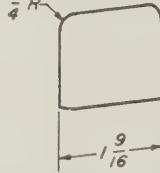
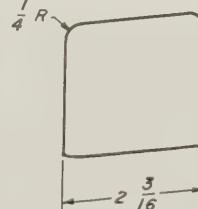
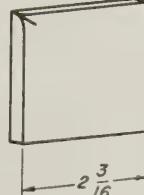
For thin setting bed installation

## SURFACE TYPE

DUST PRESSED  $\frac{1}{4}$ " THICK

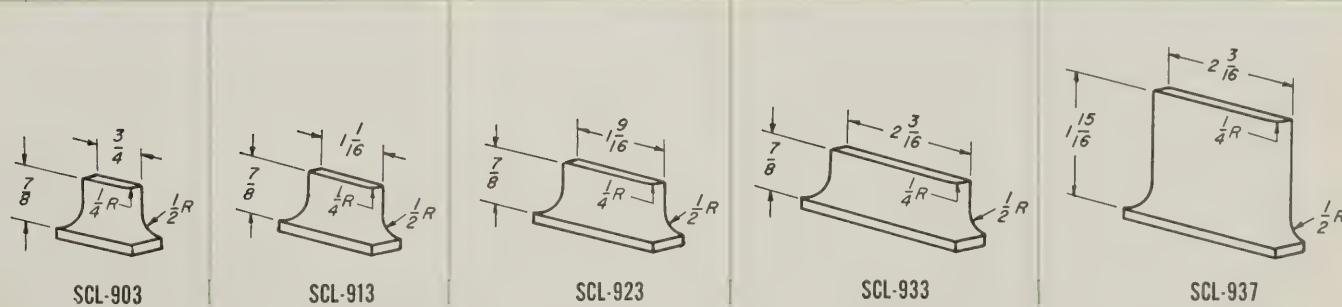
## MOOUNTED OR LOOSE

Numbers in parentheses are different numbers for the same piece. The different designations merely indicate different usages.

CROSS-SECTION	STRETCHERS RUNNING LENGTH	OUTSIDE CORNERS ALSO DOWN ROUND	UP CORNERS SQUARE	EDGES
 <b>1/4" CAP</b>	 S-950	 SC-950 (SN-950)	 SM-950	SQUARE EDGE ONLY
 <b>1 1/16" CAP</b>	 S-962	 SC-962 (SN-962)	 SM-962	SQUARE OR CUSHION EDGE
 <b>1 9/16" CAP</b>	 S-974	 SC-974 (SN-974)	 SM-974	SQUARE EDGE ONLY
 <b>2 3/16" CAP</b>	 S-986	 SC-986 (SN-986)	 SM-986	CUSHION EDGE ONLY

## Cove Corners

Member with cove and surface bullnose on vertical corners (surface and conventional type cove stretchers are identical. See page 26).

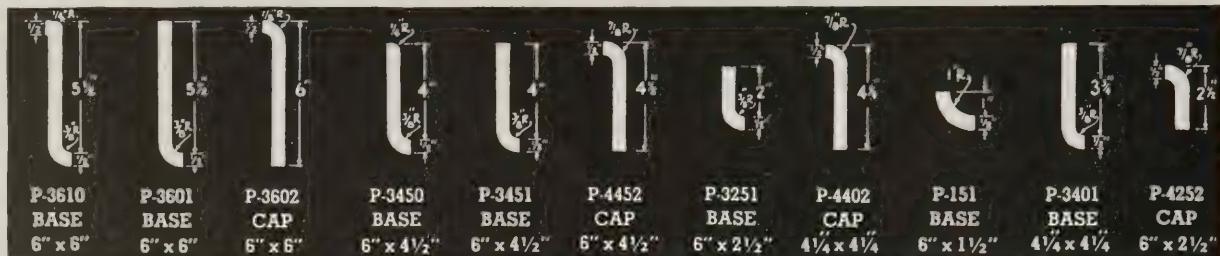


Note: Right hand corners also available. Specify SCR

For unglazed ceramic mosaic conventional trimmers, see page 26.

# UNGLAZED PAVER TRIM • Porcelain type and Natural Clay type

## PROFILE



## OUT ANGLES:

Right Out .....	PCR-3610	PCR-3601	PCR-3602	PCR-3450	PCR-3451	PCR-4452	PCR-3251	PCR-4402	—	PCR-3401	PCR-4252
Left Out .....	PCL-3610	PCL-3601	PCL-3602	PCL-3450	PCL-3451	PCL-4452	PCL-3251	PCL-4402	PCL-151	PCL-3401	PCL-4252

## SQUARE IN ANGLES:

Right In .....	—	PKL-3601	PKL-3602	—	PKL-3451	PKL-4452	PKL-3251	PKL-4402	Use Two Pieces of Stretcher Mitered	PKL-3401	PKL-4252
Left In .....	—	—	—	—	—	—	—	—	—	—	—

## ROUND IN ANGLES:

Right In .....	PBR-3610	PBR-3601	PBR-3602	PBR-3450	PBR-3451	PBR-4452	PBR-3251	PBR-4402	—	PBR-3401	PBR-4252
Left In .....	PBL-3610	PBL-3601	PBL-3602	PBL-3450	PBL-3451	PBL-4452	PBL-3251	PBL-4402	PBL-151	PBL-3401	PBL-4252

## STOPS:

Right .....	PSR-3610	PSR-3601	—	PSR-3450	PSR-3451	—	PSR-3251	—	PSR-151	PSR-3401	—
Left .....	PSL-3610	PSL-3601	—	PSL-3450	PSL-3451	—	PSL-3251	—	PSL-151	PSL-3401	—

## OUT BLOCK ANGLES:

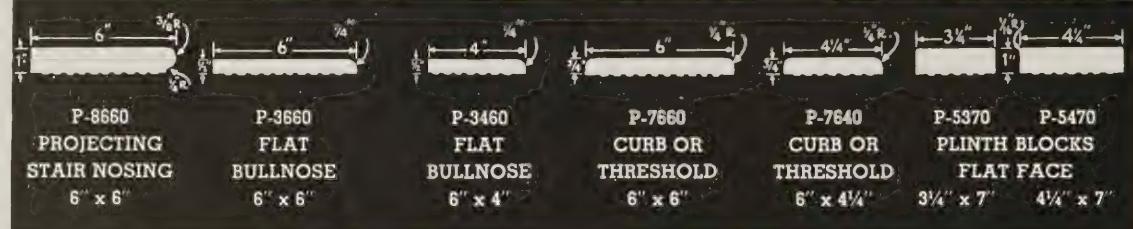
¾" Radius .....	—	—	—	—	—	—	—	—	PC-151	—	—
2" Radius .....	—	PW-3601	—	—	—	—	—	—	—	—	—

## UP CORNERS:

Round .....	—	PI-3601	PMX-3602	—	PI-3451	PMX-4452	PI-3251	PMX-4402	—	—	PMX-4252
Square .....	—	—	PM-3602	—	—	PM-4452	—	PM-4402	—	—	PM-4252

## DOWN CORNERS:

—	—	—	PN-3602	—	—	PN-4452	—	PN-4402	—	—	PN-4252
---	---	---	---------	---	---	---------	---	---------	---	---	---------



## PROJECTING STAIR NOSING:

Outside Corner .....	PBC-8660	—	—	—	—	—	—	—	—	—
----------------------	----------	---	---	---	---	---	---	---	---	---

## STAIR TRIM FLAT BULLNOSE:

Outside Corner .....	—	PBC-3660	PBC-3460	—	—	—	—	—	—	—
----------------------	---	----------	----------	---	---	---	---	---	---	---

## CURBS or THRESHOLD TILE:

Outside Corner .....	—	—	—	—	PBC-7660	PBC-7640	—	—	—	—
----------------------	---	---	---	---	----------	----------	---	---	---	---

Up Corner .....	—	—	—	—	Use 2 Pieces of Mitered Stretcher for Up Corner	—	—	—	—	—
-----------------	---	---	---	---	--	---	---	---	---	---

Stops.....	—	—	—	—	PS-7660	PS-7640	—	—	—	—
------------	---	---	---	---	---------	---------	---	---	---	---

## PLINTH BLOCKS

—	—	—	—	—	—	—	Special sizes on order	—	—
---	---	---	---	---	---	---	---------------------------	---	---

## SWIMMING POOLS

Our Company has had the privilege of furnishing tile for many of the finest swimming pools in the country. Our new swimming pool booklet contains all details necessary for a complete tile job plus recommendations for competitive and institutional pools. Typical details for vari-

ous types of pools, are illustrated in scale drawings that can be incorporated in your own blueprints. Our design department at Olean, N.Y., will be glad to make color suggestions or sketches, or to prepare samples for your consideration.

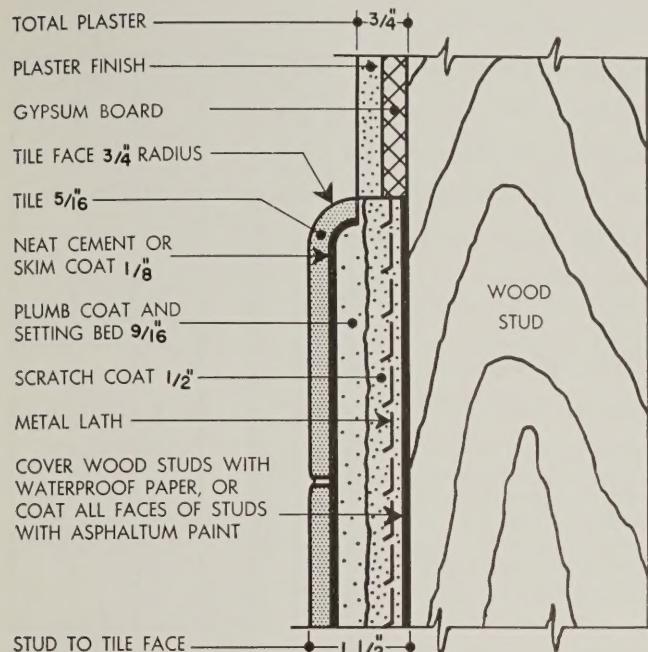
# STRUCTURAL DETAILS FOR GLAZED TILE INTERIOR INSTALLATIONS

## MORTAR APPLICATIONS—using "A" series trim $\frac{3}{4}$ " radius returns

**NOTE:** Control joints are necessary in every concrete or cinder block wall to minimize effects of shrinking or bulging of the block wall.

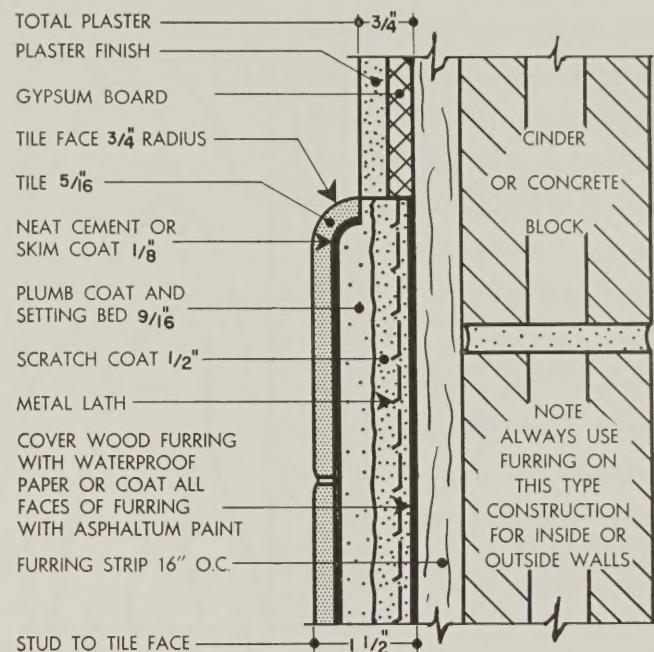
Furring strips may be placed either vertically or horizontally.

DETAIL 1A



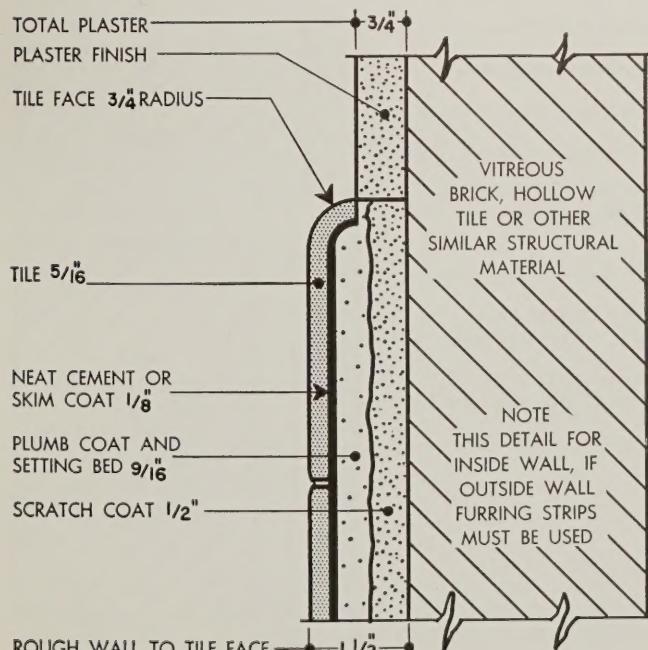
MORTAR APPLICATION—ON WOOD FRAME  
CONSTRUCTION—PLASTER ABOVE—  
 $\frac{3}{4}$ " RADIUS TILE RETURNS

DETAIL 2A



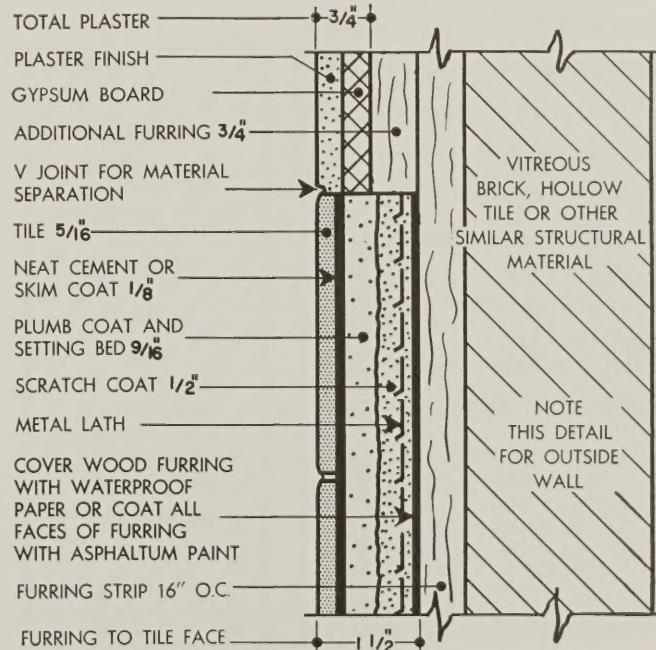
MORTAR APPLICATION—ON CINDER OR CONCRETE  
BLOCK CONSTRUCTION—PLASTER ABOVE—  
 $\frac{3}{4}$ " RADIUS TILE RETURNS

DETAIL 3A



MORTAR APPLICATION—ON VITREOUS  
CONSTRUCTION FOR INSIDE WALL OR PARTITION—  
PLASTER ABOVE— $\frac{3}{4}$ " RADIUS TILE RETURNS

DETAIL 4A



MORTAR APPLICATION—ON VITREOUS  
CONSTRUCTION FOR EXTERIOR WALL—  
PLASTER ABOVE—TILE FACE FLUSH

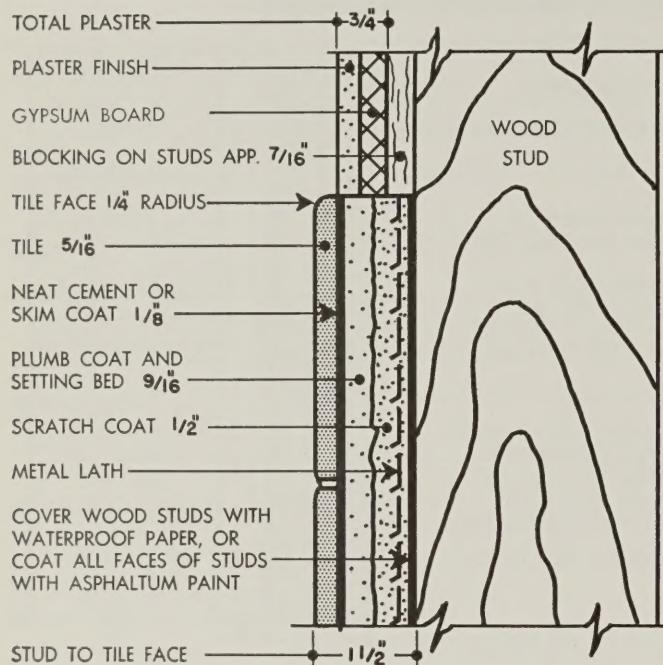
# STRUCTURAL DETAILS FOR GLAZED TILE INTERIOR INSTALLATIONS

## MORTAR APPLICATIONS — using "S" series trim $\frac{1}{4}$ " radius returns

**NOTE:** Control joints are necessary in every concrete or cinder block wall to minimize effects of shrinking or bulging of the block wall.

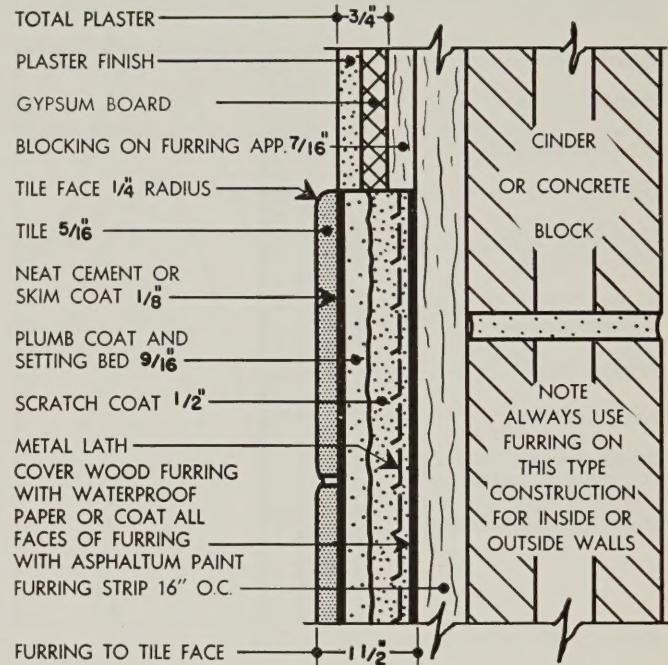
Furring strips may be placed either vertically or horizontally.

DETAIL 5S



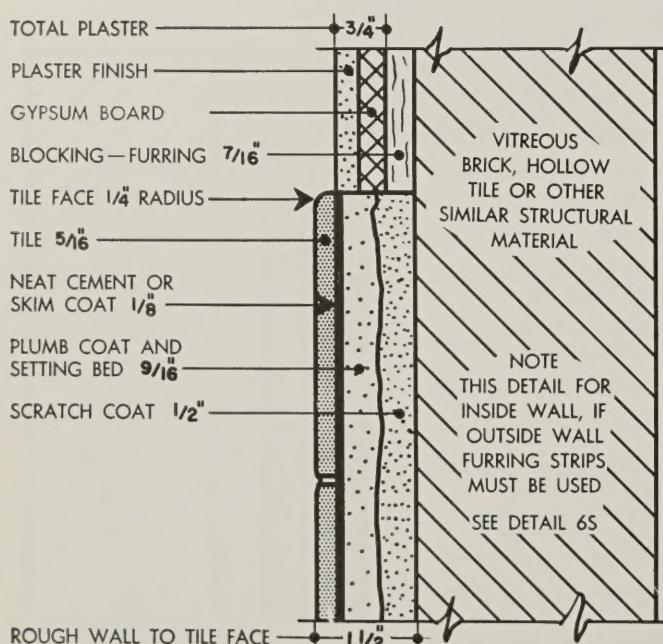
MORTAR APPLICATION—ON WOOD FRAME CONSTRUCTION—PLASTER ABOVE—  
 $\frac{1}{4}$ " RADIUS TILE RETURNS

DETAIL 6S



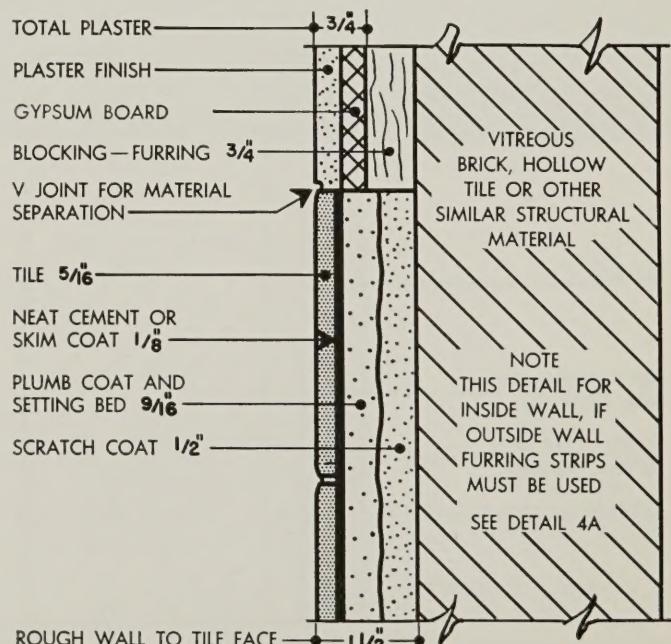
MORTAR APPLICATION—ON CINDER OR CONCRETE BLOCK CONSTRUCTION—PLASTER ABOVE—  
 $\frac{1}{4}$ " RADIUS TILE RETURNS

DETAIL 7S



MORTAR APPLICATION—ON VITREOUS CONSTRUCTION FOR INSIDE WALL OR PARTITION—PLASTER ABOVE— $\frac{1}{4}$ " RADIUS TILE RETURNS

DETAIL 8S



MORTAR APPLICATION—ON VITREOUS CONSTRUCTION FOR INSIDE WALL OR PARTITION—PLASTER ABOVE—TILE FACE FLUSH

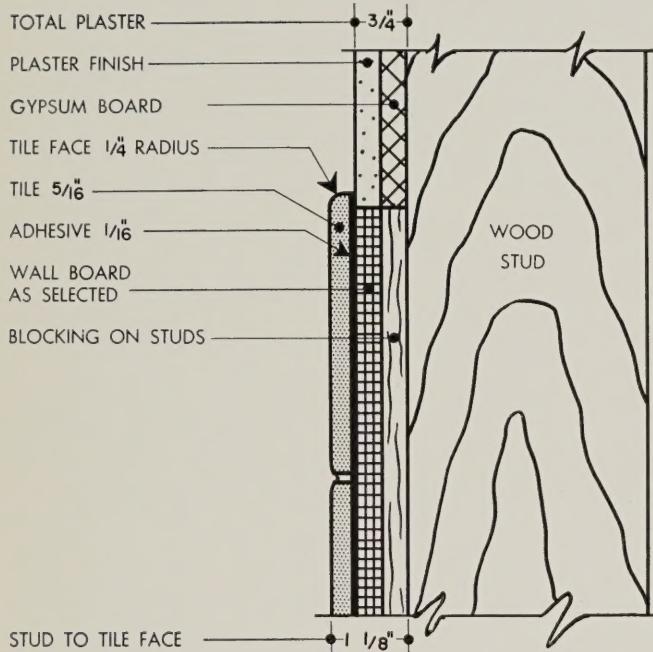
# STRUCTURAL DETAILS FOR GLAZED TILE INTERIOR INSTALLATIONS

**THIN SETTING BED APPLICATIONS**—using "S" series trim  $\frac{1}{4}$ " radius return

**NOTE:** Control joints are necessary in every concrete or cinder block wall to minimize effects of shrinking or bulging of the block wall.

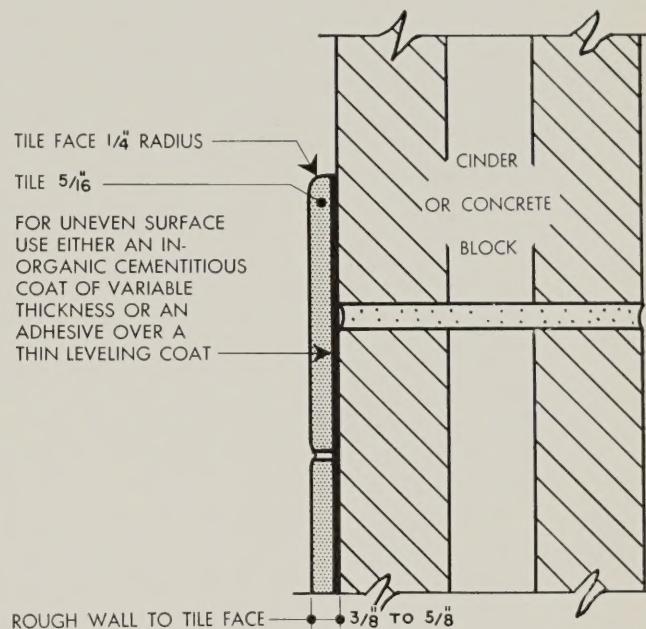
Furring strips may be placed either vertically or horizontally.

DETAIL 9M



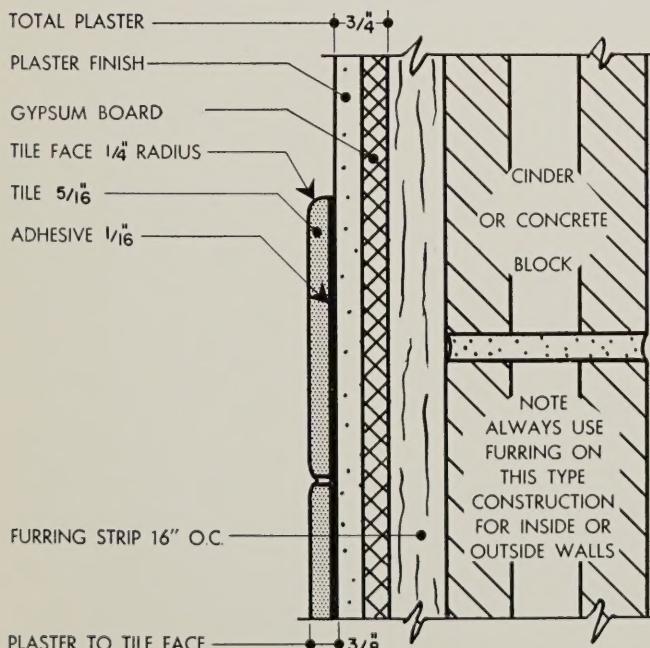
**ADHESIVE APPLICATIONS—ON WOOD FRAME CONSTRUCTION—PLASTER ABOVE—TILE ON WALL BOARD— $\frac{1}{4}$ " RADIUS TILE RETURNS**

DETAIL 10M



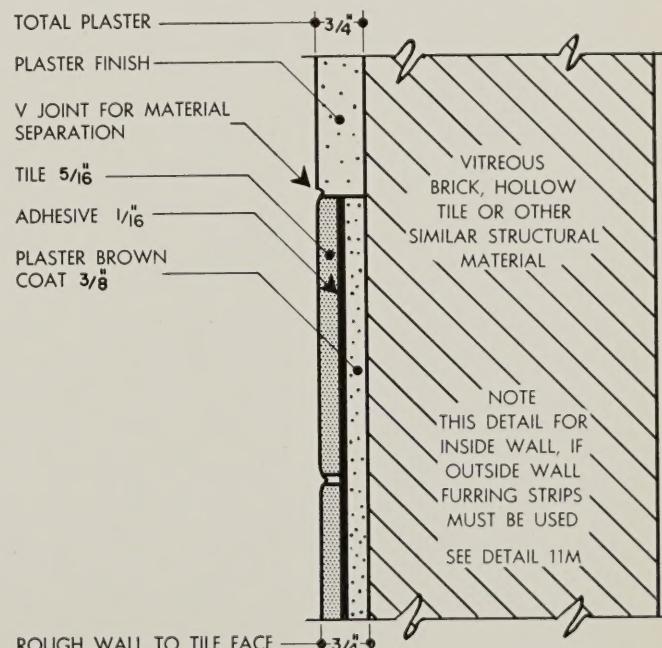
**THIN SETTING BED APPLICATION—ON CINDER OR CONCRETE BLOCK—PAINTED BLOCK ABOVE—TILE ON BLOCK— $\frac{1}{4}$ " RADIUS TILE RETURNS**

DETAIL 11M



**ADHESIVE APPLICATION—ON CINDER OR CONCRETE BLOCK CONSTRUCTION—PLASTER ABOVE—TILE ON PLASTER— $\frac{1}{4}$ " RADIUS TILE RETURNS**

DETAIL 12M

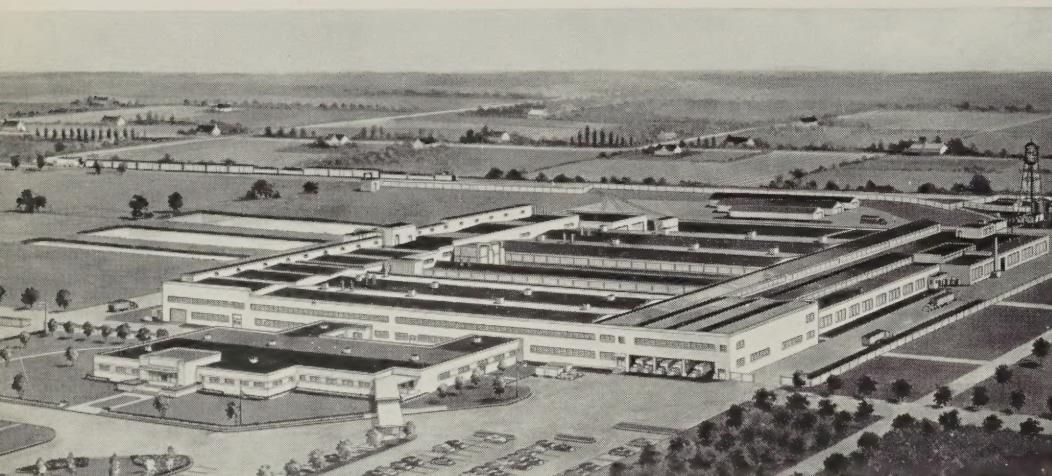


**ADHESIVE APPLICATION—ON VITREOUS CONSTRUCTION FOR INSIDE WALL—PLASTER ABOVE—TILE ON PLASTER—TILE FACE FLUSH**

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